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THE

ZOOLOGIST'S TEXT-BOOK.

THE

ZOOLOGIST'S TEXT-BOOK,

EMBRACING THE CHARACTERS

OF THE

CLASSES, ORDERS, AND GENERA,

OF ALMOST THE

Whole Animal Kingdom;

TOGETHER

WITH AN EXAMPLE OF A SPECIES OF NEARLY EACH GENUS, AND A COMPLETE GLOSSARY OF TECHNICAL TERMS.

By CAPTAIN THOMAS BROWN,

FELLOW OF THE LINNEAN SOCIETY, MEMBER OF THE WERNERIAN, KIRWANIAN, AND PHRENOLOGICAL SOCIETIES, PRESIDENT OF THE ROYAL PHYSICAL SOCIETY, &c. &c. &c.

IN TWO VOLUMES.

VOL. II.

ILLUSTRATED BY ONE HUNDRED AND SEVEN ENGRAVINGS ON STEEL.

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CLASSES, ORDERS, GENERA, AND PLATES

TO ILLUSTRATE THE GENERAS.

THE CLASSES ARE PRINTED IN CAPITALS, THE ORDERS IN SMALL CAPITALS, AND THE GENERA IN THE ORDINARY TYPE.

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— 83, line 2, *for* Mustela *read* Viverra.
— 108, — 20, *for* fig. 1 *read* fig. 3.
— 163, — 15, *for* Kestril *read* Kestrel.
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— 489, — 26, *for* Plate 82 *read* 93.
— 490, — 12, *for* Plate 82 *read* 93.
— 565, — 17, *for* Millipora *read* Millepora.

Division I.

Vertebrata.

Class I. Mammalia.

Sub-class Ungulata { Order 1. Bimana
2. Quadrumana
3. Carnivora
4. Feræ
5. Marsupialia
6. Rodentia
7. Edentata
8. Pachydermata
9. Ruminantia
10. Cetacea

Order 1. Bimana

Genus 1. Homo

Species 1. Caucasian .25
2. Mongolian 29
3. Ethiopian "
4. American "
5. Malayan 30.

1

2

3

4

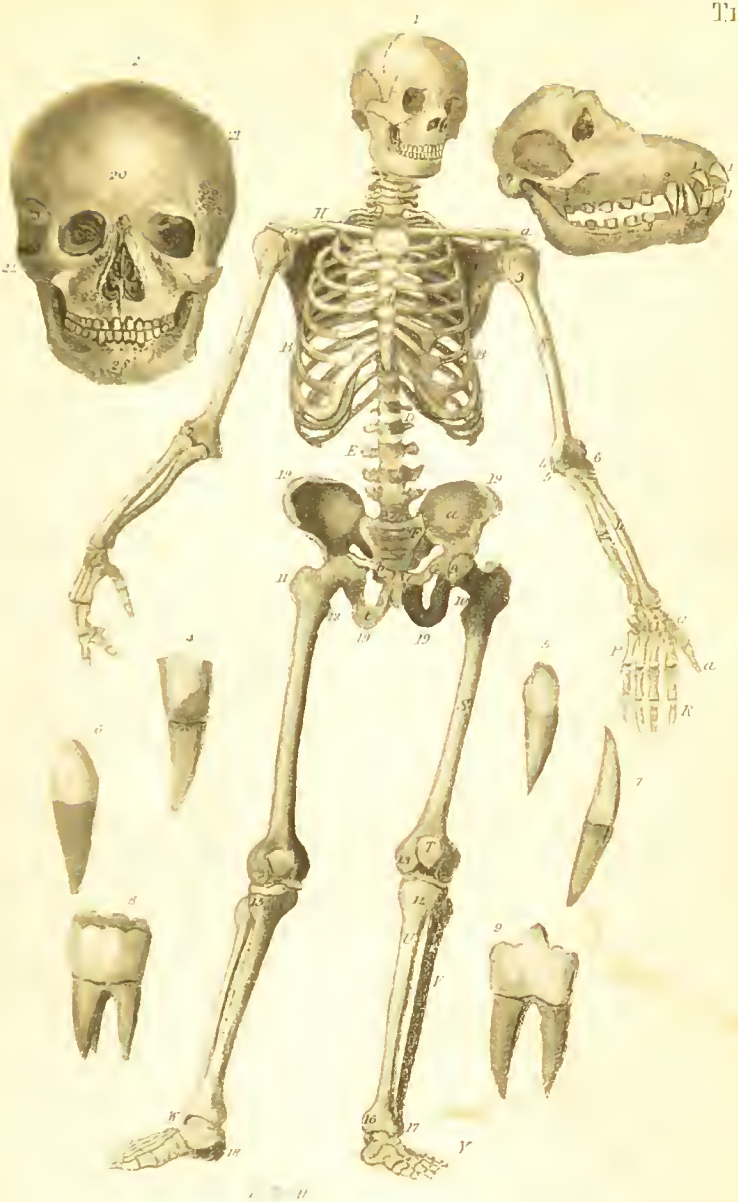
5

6

P. Scott

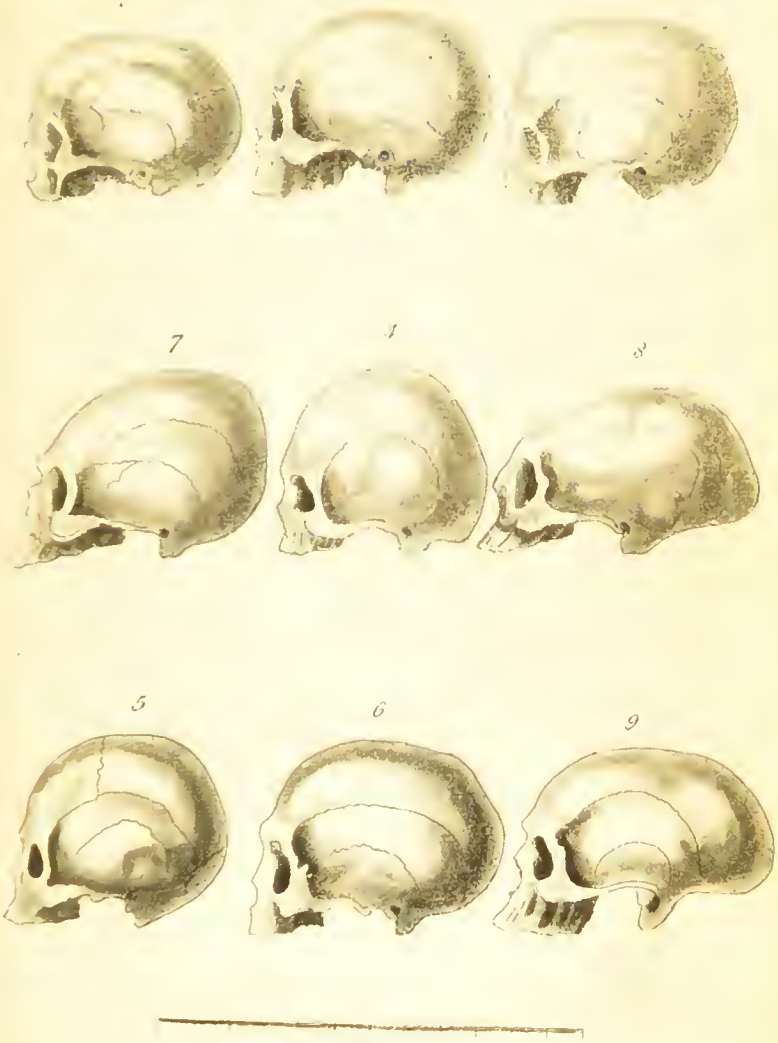
...Mexican 2 Negro 3 American 4 Malay. 5 New Hollander.

Published by Archd Fullarton & Co Glasgow



1 Human Skeleton. 2 Human Skull. 3 Skull of Mandrill. 4 Human Incisory teeth
5 Do of a Lion. 6 Human Canine. 7 Do of a Lion. 8 Human grinder. 9 Do of a Lion

Engraved by J. Archd Fullarton & Co Glasgow.



Scale of ½ Inches.

1 Caucasian 2 Mongolian 3 Ancient Greek 4 American Indian 5 Japanese from Interior 6 New Zealander 7 New Hollander 8 Chinese 9 Negro.

London: Hall, Virtue & Co., 25, Paternoster Row.

Order 2. Quadrumana.

Family 1. Simiadæ or Simiens.

Tribe 1. Natives of the old continent [illegible]

" 2. " of America [illegible]

Tribe 1.

Prongs prefer.

Sub genus 1. [illegible] and Caucasus

on the hinder, [illegible]

Genus 1. Troglodytes.

" 2. Pithecus — nigra [illegible] p.

— satyrus (V. 1)

Sub-genus 2. [illegible]

" 3. Colobus — [illegible] (V. 2)

— polycomos (V. 2)

" 4. Semnopithecus — [illegible]

— entellus (V. 3)

" 5. Cercopithecus

Sub-genus 1. Lasiopyga.

— nemeus (V. 4)

" Sub-genus 2. Nasalis

— nasicus (V. 5)

Subgenus 3 Cercopithecus

— mona (V. 9)

Sub-genus 4 [illegible]

— [illegible] V. 7)

6. Macacus

" Subgenus 1 — proper

— nemestrinus (V. 6)

" — 2. Magot

— [illegible] V. 3 4

" 7. Cynocephalus

Subgenus 1. Baboons

Tail long as the body

— papio (V. 4)

— [illegible] as V. 5

subgenus 2. [illegible]

short tails

— [illegible] (VI. 1

1 Chimpanse 2 Full Bottom Monkey 3 Entellus Monkey 4 Cochinchina Do
5 Proboscis Do 6 Brown Babo on 7 Vaanta 8 Horned Sapajow 9 Squirrel
Monkey 10 Ouarancoucli

Famille 2 [illegible]

section 1 Lagothrix [illegible]

2. Lagothrix —

genus 8. Mycetes

— hypoxanthus

— fuscus (IV. 7) — p 39

9. Lagothrix

— humboldtii

10. Mycetes

— fusca VI. 2 40

11. Cebus

— satanicus IV. 8) 41

Section 2 12. Cacajao

— ouakary (IV. 9) "

13. Ateles

— hypoxanthus (IV. 10) 41

14. Pithecia

— inconfusa VI 3, "

15. Saccheus

subgenus 1 Chrysothrix

— sciureus V. 6) 41

— argentatus V. 8 "

subgenus 2 Saimiri

— oerstedii (VI. 4) "

1 Orang Outang 2 Gibbon 3 Barbary Ape. 4 Baboon. 5 Dog-faced Baboon
6 Ouistiti 7 Green Monkey. 8 Fair Monkey 9 Varied Dº 10 Tail-less Macauco
11 Ring tailed Dº 12 Ternate Bat 13 Common Dº

Family 2 Lemuridæ

Genus 16 Indris

— — brevicaudatus VI.5 pl. 44

" 17 Lemur

— — macaco VI.10 " 45

18 Zoris

— — lacinis VI.6 "

19 Nycticebus

— — tardigradus VI.9.? "

20 Galago

— — crassicaudatus VI.7 46

21 Tarsius

— — Spectrum VI.8 "

22 Cheiromys

— — madagascariensis

VI 9 "

1 Mandrill 2 Pearl or Monkey 3 Five Tailed dto 4 Red Tailed D° 5 short Tail 6 Indian 7 Loris 8 Gal Galago 9 Woolly Tarsius 10 Eye Aye 10 Maimo

Pl. d [illegible] [illegible] [illegible]

1. Chirocilera
2. Cirrilinea
3. Cirrinervia
4. [illegible]
5. Cirrilabia C.

Family 1. Chirotrichura.

Tribe 1 Galeophthaci

2. Leptophthaci.

Trib. 1.

Genus 1. Galeopthaci Fai [illegible]

— — rufus (VII 1) p. [illegible]

Tribe 2.

Division 1. Finders with short points - no [illegible]

Genus 2. Pterophus

— — vulgaris V. 12)

Subdivision 2. with a tail

— — Stramineus

" 3. rings on the back

— — palliatus

3. Cephalotes

— — pallasii (VII. 2)

Division 2. Pointed insects: finders

1. hirtidactyles

— amplexicaudatus VII. 10

2. hypolinnaeus

— — [illegible] (VII. 3)

4 Chiromacres

— — torquatus

5. Nemobiina

unica

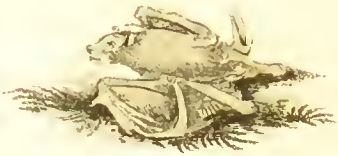
6. Acletus

immaculatus VII. 4.

7. Phyllodromia

[illegible] Fair

— — [illegible] (Leach) (VII



1 Vesp. 2 Pallas's splash bat 3 Bengal Nyctinome 4 Peruvian Vesp.
5 Daubenton's Vesp. 6 Cordated Bat 7 Vespertilio Pileatus 8 Rhinolophus &
Leaf Bat 9 Dumbacus Hystericus 10 Ringtailed Rollicus.

V
genus 10 [illegible] — [illegible]
11 Nassophaga — [illegible] VIII. 9 p 3
12 Rhinolophus — clivosus VII. 5 5
13. Nedalonus [illegible]
14. Megaderma — spasma VII. 6 5.
15 Phyllostomus rubiginosus 7.
16. Nyctinis daubentonii VII 7
17. Rhinopoma — microphylla
18. Taphozous — perforatus
19. Myopteris — daubentonii
20. Celeno — brevipsiana —
21. Nello — cuvierii
22. Scotophilus — kuhlii
23. Antibeus — Jamaicensis
24. Dysopes — Candaïa
25. Nonophyllus — Redmanii
26. Dysopes — mops
27 Nyctophilus — geoffroy —
28. Thyroptera — tricolor
29. Proboscidea — saxatilis
30. Vespertilio
— murinus V. 13 —
31. Plecotus
— auritus VIII. 2 —
32. Atalapha — americana

1 Pt. 1 Ecchinus 2 Long Eared D.o 3 Spectre Phullastoma 4 Truncated
Chlamyphorus 5 Florida Nictinna 6 Ruffless Gymnura 7 Radiated Mole
Ichinna 8 Lesser Glo[illegible] Shaped Tenr[illegible]

Published by Archd. Fullarton & Co. Glasgow

LEEDS

1 Hedgehog 2 Shrew Mouse 3 Mus ... a Musk Rat 4 Mole 5 Badger, 6 Racoon,
7 Ichneumon 8 Sarigoy 9 New Holland Spotted Dasyurus 10 Flying Opossum
11 Kangaroo 12 Otter 13 Sea Otter

Family 3. Carnivora

Tribe 1. Beasts of prey - walking with the toes, & feet on the ground

2 - walking on the toes only

Genus 42. Ursus
- arctos XI. 1. p. 67
- maritimus XI. 2. "

43. Procyon
- Lotor IX. 6. 68

44. Nasua
- fusca XVII. 1 "

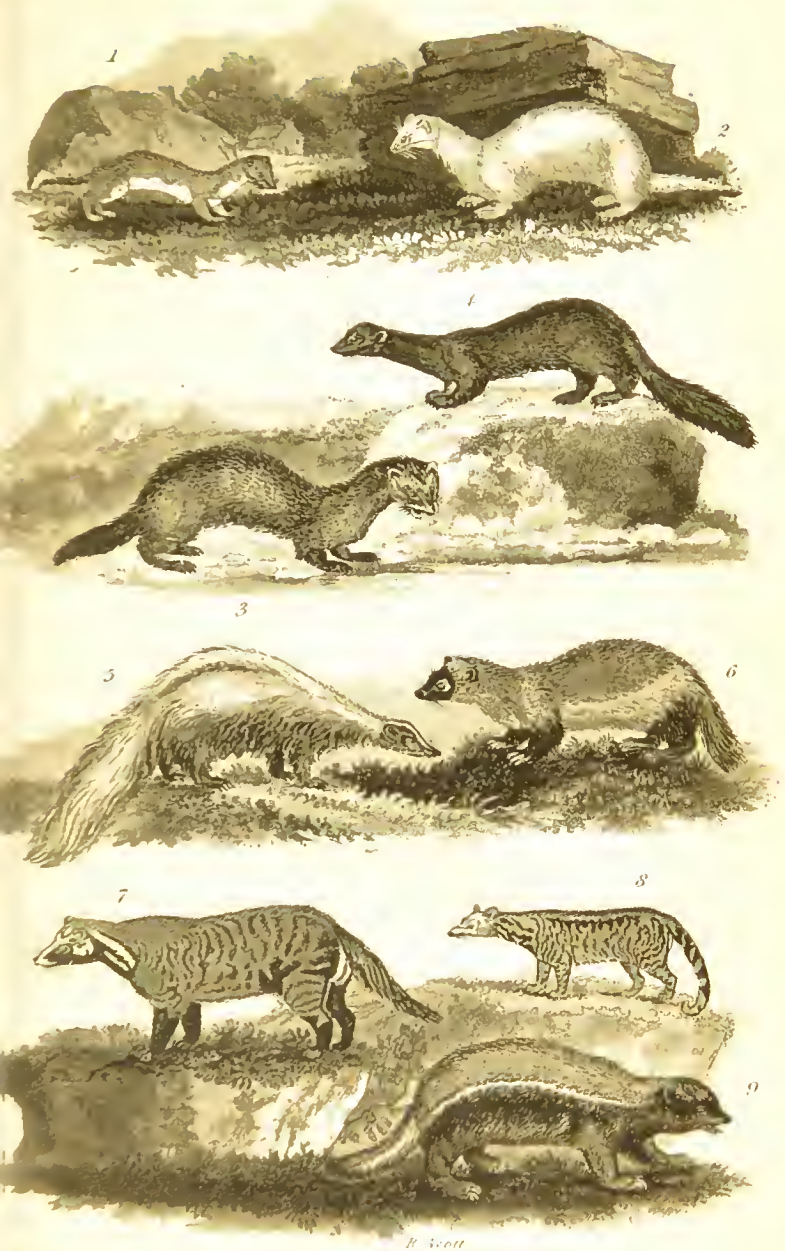
45. Cercoleptes
caudivolvulus XVII. 2 6,

46. Lutra
- vulgaris IX. 5.

47. Gulo
- arctica X. 6

48 Ratelus
- mellivorus X. 9 -

Tribe 2. 49. Mustela
Division 1.
Subgenus 1
Lutrorius
- lutorius. X. 3 - 1
- furo X. 2 -
- vulgaris X 1 -
2) - Zorilla.
Zorilles
3) - Sibellina X. 4 -
Martes
50 Mephitis
- Americana X. 5.
1791. Cetti
51 Lutra vulgaris IX. 1.
52. Enhydra marina - 13

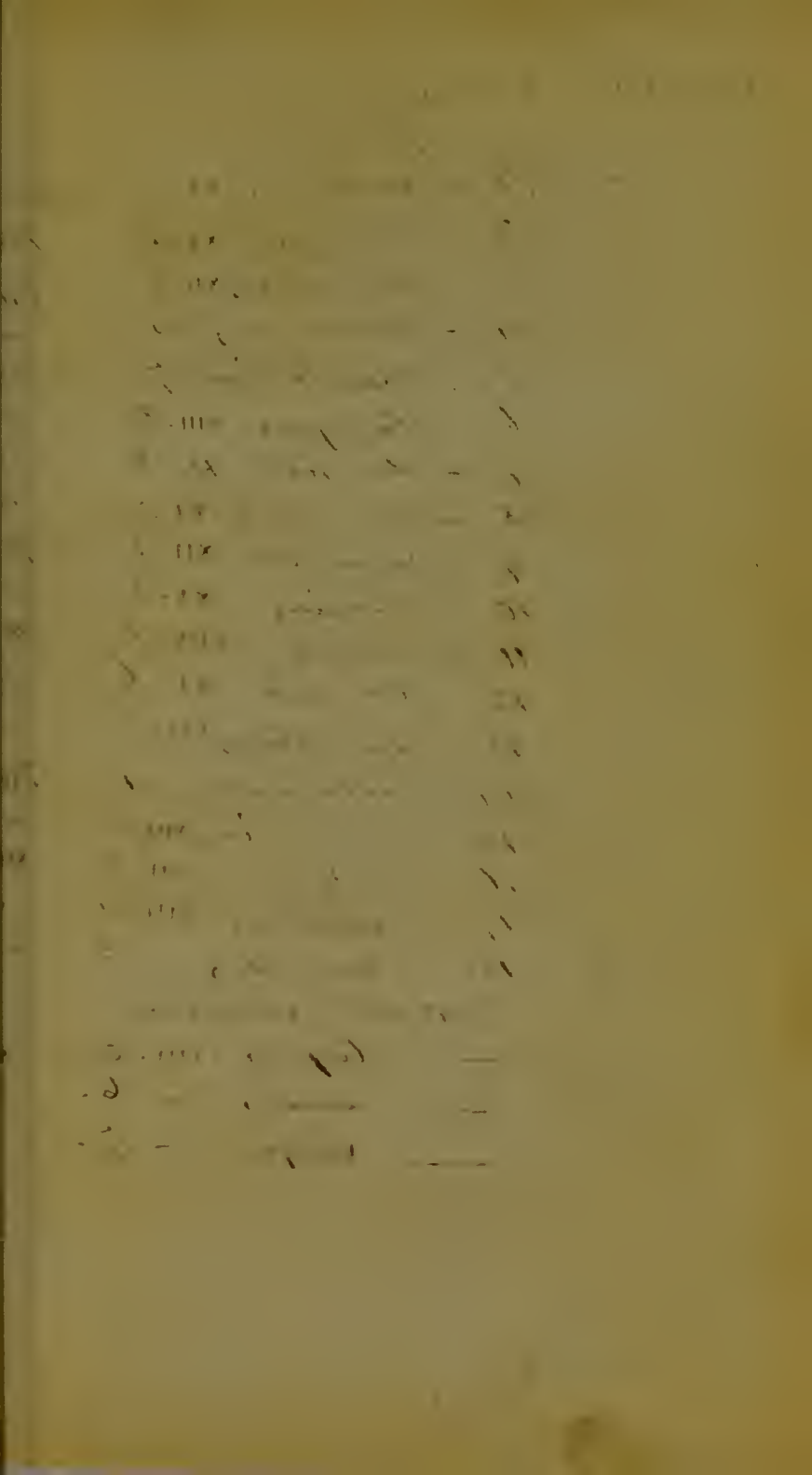


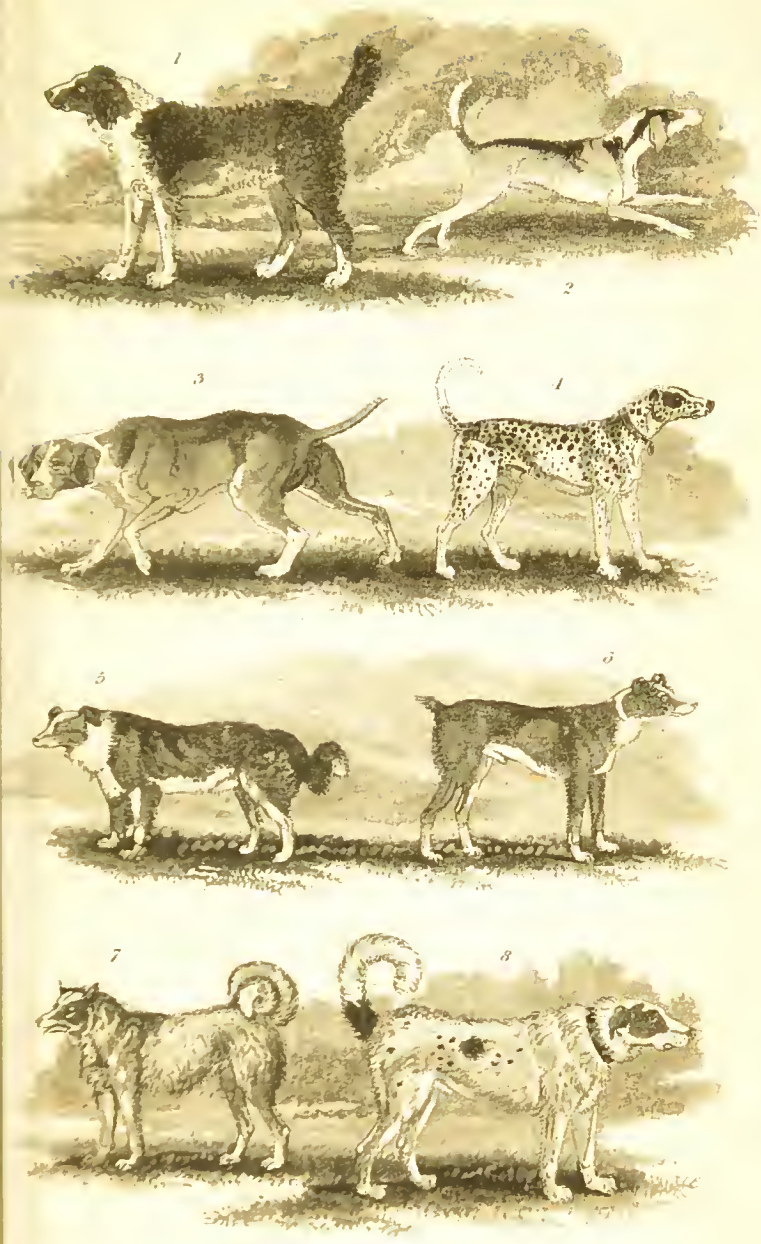
1 Weasel 2 Ferret 3 Fouinart 4 Sable 5 Skunk 6 Glutton 7 Civet 8 Zibet 9 Ratel.

R. Scott

Brown Bear. 2 White Bear. 3 Dingo. 4 Greyhound. 5 Cocker. 6 Comforter. Rough Water Dog

Published by Archd. Fullarton & Co. Glasgow

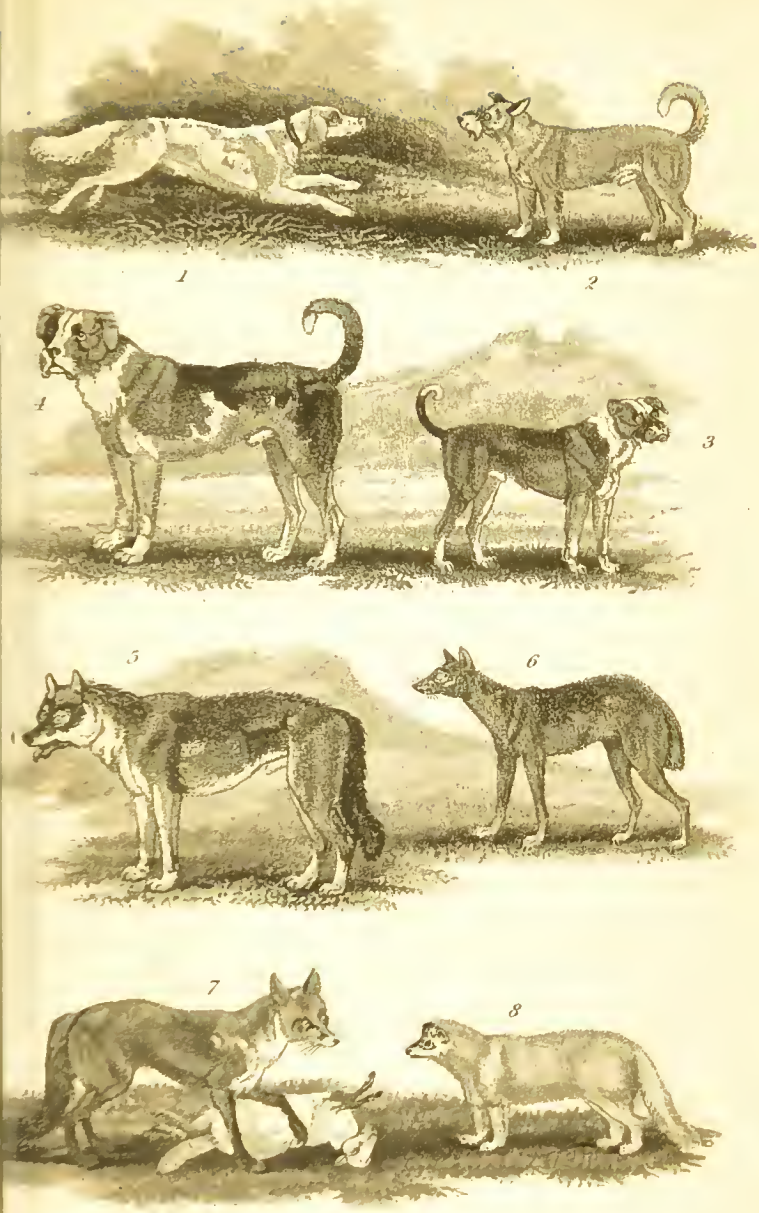




R. Scott

1 Large Water Spaniel 2 Fox Hound 3 Spanish Pointer 4 Dalmatian Dº
Shepherds Dog 6 Cur Dº 7 Greenland Dº 8 Newfoundland Dº

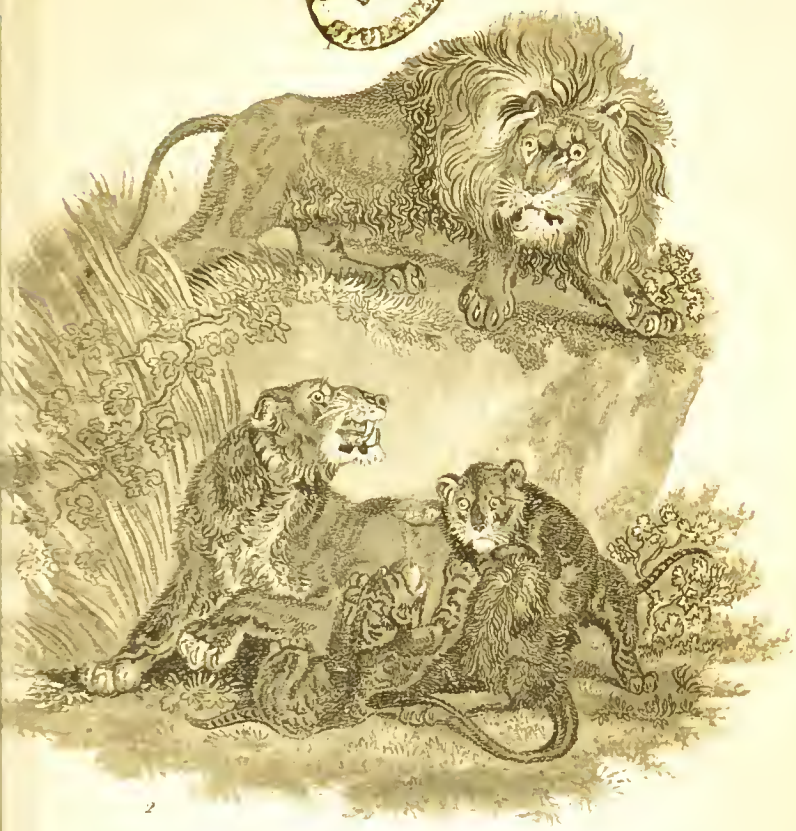
Published by Arch.ᵈ Fullarton & Cº Glasgow



R. Scott

1 Welsh Setter 2 Terrier 3 Bull Dog. 4 Mastiff. 5 Wolf. 6 Jackall. 7 Fox
8 Cur Dog

J. Lizars, Edinburgh & W. Clarke, Glasgow



2

3

1 Lion 2 Lioness 3 Tiger

Genus 54 Viverra

Subgenus 1 "

— civetta x. 7. 82

Mustela Zibelina x. 8 - 83

" 2 Genetta

— vulgaris xxiii. 1 - "

" 3 Paradoxurus

— Typus xvii. 4 - "

55 Suricata.

— capensis xvii. 3 84

56 Hyena

— vulgaris xvi. 1 - "

— crocuta — . 2. "

57. Rateles

— molliver, x. 9 - 8

58. Felis - without spots

— leo xiv. 1 -

— concolor xv 4. 5. 8

— tigris xiv 3

— pardus xv. 1

— jubatus — . 2

— uncia . 3

— pardalis 7

— onca 10 -

— cervaria 6

— tigrina - 8 -

— catus - 9

1 Panther 2.3 Ounce 4 Black Tiger 5 Puma 6 Serval 7 Ocelot
8 Wild Ca

ianus, 4.

Genus 59. Phr

Subg. 1

—— viridana XVI. 3.

" 2 Tortrix

—— cinctana

" 3 Planeta

—— ursana XVI. 4.

60 Trichecnis

—— rosinana

XVI. 5.

MEDICAL SOCIETY LEEDS STUDENTS

R Scott

1 Striped Hyaena 2 Spotted Hyaena. 3 Seal. 4 Sea Bear. 5 Walrus or Sea Horse.

Engraved by Archd Fullarton & Co Glasgow

1 Coati 2 Yellow Macauco 3 Suricate 4 Paradoxurus Tupus 5 Murine
6 Tapoch 7 Red Phalanger 8 Van Diemens Land Opossum 9 Koala.
10 Penan Petaury Au

Published by Arch.d Fullarton & Co. Glasgow

Order 6. Rodentia [illegible]

Genus [illegible],

Section 1. with perfect Clavicles

Genus 1. Castor

— fiber XVIII. 1 — 1 75

2. Fiber

— Zibethicus — 2 — "

3 Cricetus

— amphibius XIX. 1 "

4. Ischyodon

— silvicides

5. Neotoma

Floridiana VIII. 5. 9

6. Sigmodon

hispidum

7 Lemmus

— hirsutus XVIII. 9 — 1

8 Echinomys

— hispidus XIX. 5 1

9 Myoxus

avellanarius — 6

10. Hydromys

— coypus — — 1 1

11. Mus

— decumanus XVIII. 3

— sylvaticus — 5

— musculus — 4.

— rufus —

— terricolor XIX. 9

R Scott

1 Beaver 2 Musk Rat 3 Rat 4 Mouse 5 Dwarf Mouse 6 Jerboa
7 Marmot 8 Quebec Marmot 9 Lapland Marmot 10 Ground Squirrel
11 Gerbil 12 Flying Squirrel

6. Rodentia

Genus 12. Arvicola — vulgaris XIX. 10. 10.

13 Lepus — sylvaticus XVIII. 6 10

14 Gerbillus — canadensis XIX. 11 —

15 Aspalax — typhlus XXI. 1 11

16 Bathyergus — maritimus — 2 —

17. Pedetes — capensis — 3. 1

18. Arctomys — Marmotta XVIII. 7.

Subd. 1. Arctomys socialis — cynomys — 8. 1

Subd. 2 Spermophilus — franklinii XXI. 4 —

Cheeks pouches external.

19. Capromys — furnierii XIX. 8.

20 Sciurus — vulgaris XVIII. 11 —

— Hudsonius XXI. 5

— Ursinus XXIII. 3

— Niger — 2

21. Myoxus — Quercinus XXI. 6

— Glis XVIII 12

...ng no. ed Pouched Badger 2 Rat Kangaroo 3 Wombat 4 Water Rat. 5 Spiny D^o ...ermouse 7 Coupon 8 Fourmiers Capromys 9 Perchat. 10 Hamster. 11 Canadian ...ham

Published by Archd Fullarton & Co Glasgow.

R. Scott

ame 2 Brazil Porcupine 3 Hare 4 Rabbit 5 Guinea Pig 6 Brown Cavy
ored Cavy 8 Sloth 9 Six Banded Armadillo

Published by Archd Fullarton &

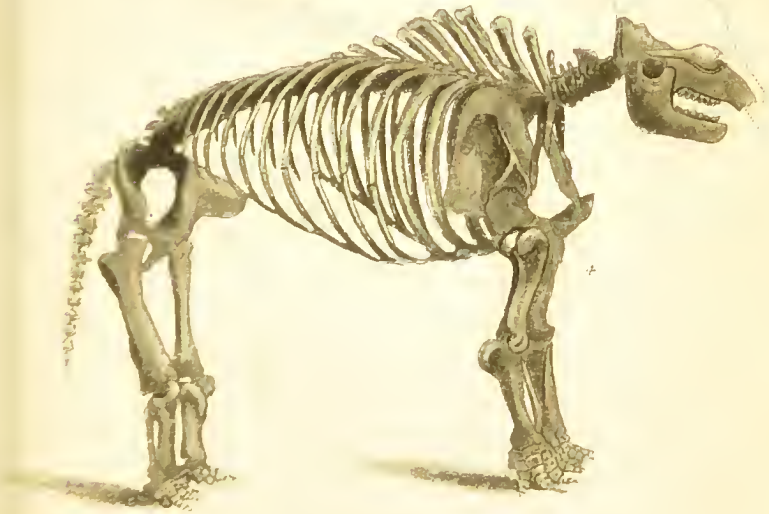
1 Spalax 2 Coast Rat 3 Pedetes Capensis. 4 Artomys Franklinii 5 Clarkes Squirrel 6 Sabina Squirrel 7 Fasciculated Porcupine 8 Alpine Hare 9 Capibara 10 Chinchilla 11 Three Banded Armadillo.

Published by Arch.d Fullarton & Co.y Glasgow

R. Scott

1 Ant Eater. 2 Pangolin. 3 Elephant. 4 Hippopotamus.

Published by Arch.d Fullarton & Co. Glasgow.



R. Scott.

1

Lizard 3. Beechmarten 1. Squirrel 2. Striated Pig 4. Skeleton of Great Mastodon 5. Great Ant Eater.

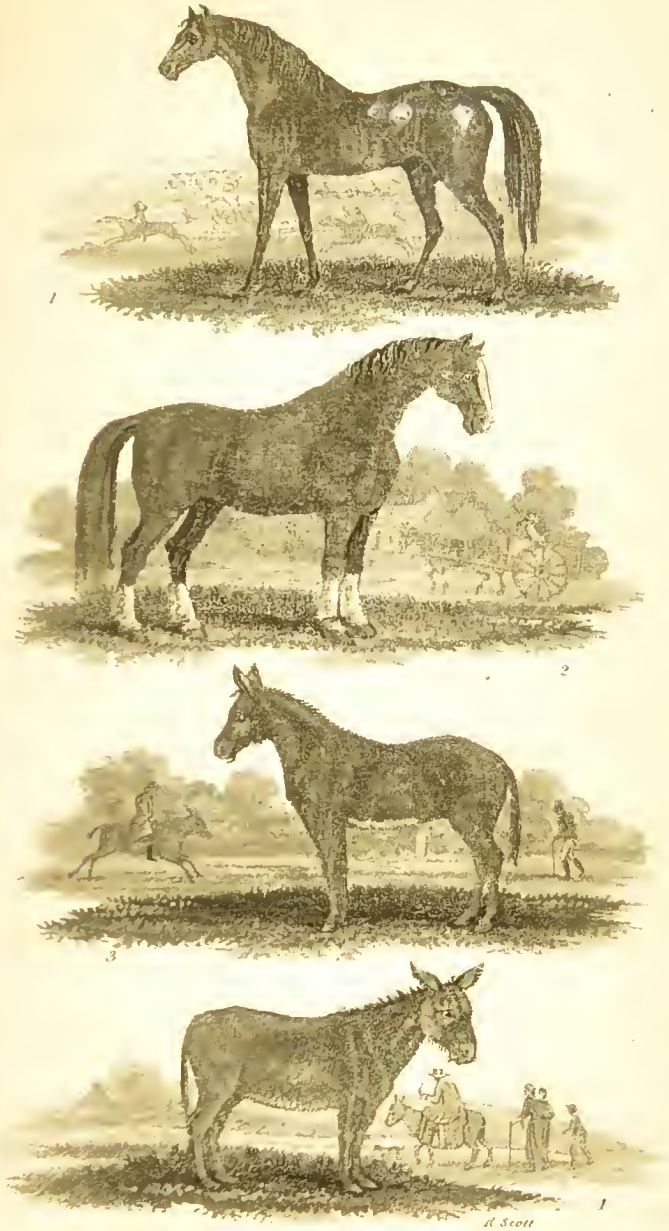
Published by the Author, Fulham, [illegible]

1 Leather 2 Spiny Echidna 3 Duck billed Platypus 4 Prong horned
Antelope 5 Ram Antelope 6 Four tufted Antelope 7 African Elephant

R. Scott

1 Wild Boar. 2 Common Hog. 3 African Wild Boar. 4 Babiroussa.
5 Rhinoceros. 6 Two Horned Rhinoceros. 7 Tapir.

Published by Archd Fullarton & Co Glasgow



1 Horse. 2. Draught Horse. 3 Mule. 4 Ass.

Published by Arch.d Fullarton & Co Glasgow

LEEDS

1 Zebra. 2 Bull 3 Cow. 4 Urus.

Published by Archd Fullarton & Co Glasgow.

R Scott

1 Camel 2 Dromedary 3 Musk 4 Chevrotain 5 Memmina 6 Elk 7 Rein Deer.

Published by Arch^d Fullarton & C^o Glasgow

1 Collared Peccary 2 Cape Hyrax 3 Llama 4 Springbok 6 Hart Beest.
7 White Antelope 9 Blue Antelope 10 Musk Bull 5 Riethock.

Engraved by Archd Fullarton & Co. Glasgow

R. Scott

1 Stag 2 Axis 3 Fallow Deer 4 Roe Buck 5 Cameleopard 6 Antelope

Published by Jas. Fullarton & Co. Glasgow

R. Scott

1 Malayan Pasa. 2 Guinea Deer. 3 Sumatra Muntjak. 4 Axis Pig. sheel. 5 Impey. sc

Published 1 Aug.t 1820 by Arch.d Fullarton

1 Nyl Ghau 2 Gnu 3 Chamois 4 Ibex 5 Goat 6 Angora Goat.
7 Surian Goat 8 Pied Goat

Published by Archd. Fullarton & Co. Glasgow

R. Scott

1 Black Faced Sheep 2 Tartarian Dº 3 Wallachian Dº 4 Musmon 5 Buffalo.
6 Zebu 7 Bison

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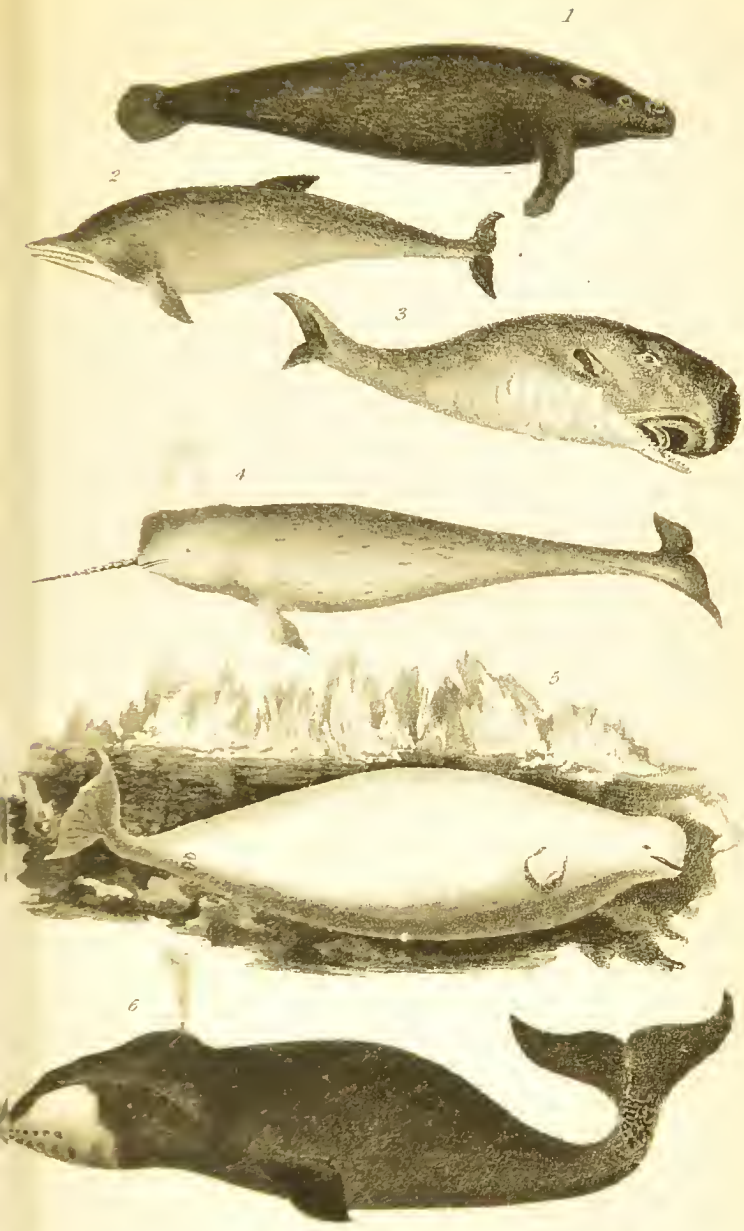


A Scott

led Trichechus 2 Dolphin 3 Blunt Headed Dolphin 4 Narwal 5 Beluga
r White Whale 6 Greenland Whale.

Published by Archd Fullarton & Co Glasgow

Fig. V
Secondaries
Ternals
Fig. III.
Fig. II.

1 Vulture 2 Condor 3 Golden or White Tailed Eagle 4 Sea [illegible]
5 Common Buzzard 7 Sparrow Hawk 8 Goshawk

R. Scott.

1 African Ox Pecker. 2 Noisy Roller. 3 Hen Harrier. 4 Red Throated Falcon
Baltimore Oriole 6 Red Headed Sawbill. 7 Kistrel female. 8 Bearded Vulture.
Serpent Eater or Secretary

Engraved by Archd Fullarton & Co Glasgow

R. Scott

1 Caracara Eagle. 2 Great Harpy. 3 Snowy Owl. 4 Great Grakle. 5 Crested Vanga. 6 Ruffed Philemon. 7 White billed Shrike. 8 Red Throated Querula. 9 Red tailed Neops. 10 Long billed Cuckoo.

Published by Arch.d Fullarton & Co. Glasgow.

R Scott

1 Kite 2 Long Eared Owl 3 Barn Owl 4 Tawny Dº 5 Raven 6 Hooded Crow
7 Jack Daw 8 Magpie 9 Jay 10 Chatterer 11 Nutcracker

W & C Glasgow

R. Scott

1 Malabar Horn Bill 2 Brazilian Tucan 3 Gracle 4 Roller 5 Golden Oriele
6 Starling 7 Bird of Paradise 8 Throstle 9 Rina Ouzel.

Published by Arch.d Fullarton & C.o Glasgow

1 Bush Shrike 2 Red Billed Fromerops 3 Blue Tailed Crow. 4 Red Legged Dº 5 Collared Creeper 6 Hook Billed Red Dº 7 Wall Dº 8 Royal Tody 9 Ring Thrush

Published by Archd Fullarton & Cº Glasgow.

R. Scott.

1. Madagascar Paradise Bird. 2. Crested Paradise Bird. 3. Yellow billed Plaintain. 4. Plocetis
Senegalus. 5. African cuckoo. 6. Blue D°. 7. Variegated Chatterer. 8. Black
Throated Barbet.

Published by Arch.d Fullarton & Co.° Glasgow

...lue Saltator 2 Coromanded Courier 3 Keel Bill 4 Spotted Billed Aragon 5 La Vaillants Grebe
...ers 6 Spotted ...d Parus 7 White Browed Anabats 8 Reddish Opetor hyneus 9 Cyanean
...eten 10 Gallinule d'Afrique

Published by Arch.d Fullarton & Co. Glasgow.

R. Scott

African Roller 2 Masked Psaris 3. Superb Shrike 4. Rose Coloured Paster
Little Bird 6 Superb Menura 7. Malabar Incurrus 8 Water Ouzel.

Published by Archd. Fullarton & Co. Glasgow

1 Black Ouzel 2 Mocking Bird 3 Great Ash coloured Shrike 4 Reed Fauvette
5 Nightingale 6 Black Cap 7 Redstart 8 Redbreast 9 Golden Crested Wren

Leona Tailed Manakin 2 Streaked Hd. Red Flycatcher. 3 Green Tody.
Touraco 6 Red Headed Woodpecker. 7 Purple Breasted Chatterer.
ornamented Hg.

Edinburgh, Printed for Blackwood & Co. Glasgow

R. Scott

ren. 2 White Rump. 3 Whinchat. 4 Stonechat. 5 Winter Fauvette. 6 Pied Wagtail
Yellow Wagtail. 8 Wood lark. 9 Titlark. 10 Sky lark. 11 Blue Titmouse. 12 Greater
mouse. 13 Marsh Titmouse. 14 Bearded [illegible]

Published by Archd. Fullarton & Co. Glasgow

Whidah Bunting 2 Yellow Bunting 3 Black Tanager 4 Philippine Weaver
Cross Bill 6 Bullfinch 7 Greenfinch 8 Chaffinch 9 Grey Linnet 10 Canary Bird.

Published by Archd Fullarton & C. Glasgow.

R. Scott

1 Lesser Redpole. 2 Goldfinch. 3 Great Honey Guide. 4 Cuckoo. 5 Quizel.
6 Parrot. 7 Red & Blue Maccaw. 8 Cockatoo. 9 Alexandrine Parrakeet.

Published by Archd. Fullarton & Co. Glasgow.

1 Greater Spotted Woodpecker 2 Smallest Dº 3 Wryneck 4 Nuthatch 5 Creeper.
6 Harlequin Humming Bird 7 Red Throated Dº 8 Hoopoe 9 Embroidered Bee Eater.
10 Blue headed Bee Eater 11 [illegible] 12 Common Creeper.

Bland Cuttia 2 Elegant Flamingo 3 Collared Barbet 4 Xenops Genibarbis
rhynchus Flammuraps 6 Green Jacamar 7 White bellied Malcoha 8 Groove
billed Toucanus 9 New Holland Scythrops.

Published by Archd. Fullarton & Co. Glasgow.

R. Scott

Superb Warbler. 2. Cape Coly. 3. Pheasant Cuckoo. 4. Abyssinian Herons
Tuberchyneux Hornbill. 6. Helmeted Guinea Hen. 7. Headless Serpent Eater.
8. Coppee Hen

R. Scott

1 King fisher 2 Chimney swallow. 3 Martin 4 One coloured Swift 5 Night Jar 6 Wild Pigeon 7 Turtle Dove 8 Jamboo Pigeon. 9 Fan Tail 10 Great Crowned Pigeon 11 Carrier Pigeon

London Pub. by [illegible] Paternoster Row

R Scott

1 Peacock 2 Domestic Cock 3 Turkey 4 Pheasant 5 Golden Pheasant

Published by A. of[illegible]

R. Scott.

1 Gon. Cuvii, Gongantic Ocelo. 2 Argus. Polyplectron. 4 Horned. Podargus.
5 Spotted Cuckoo. 6 Penelope. Marail. 7 Lophyrus. 8 Syrrhaptes.

Published by Scott, Fullarton & Co. Glasgow.

R. Scott

...antic Argus 2 Collared Pratincole 3 Crowned Cryptory 4 Red Tailed Tropic
5 Black Bellied Darter 6 Yellow Headed Troopial 7 American Jabiera
...mon Frigate Bird

Pub... Jan.y 1st 1812 by Ld Wharton & Co Glasgow

1 Pintado. 2 Crested Curaſsow. 3 Black Grouse. 4 White Grouse. 5 Partridge. 6 Californian Quail. 7 Ostrich.

Published by Archd Fullarton

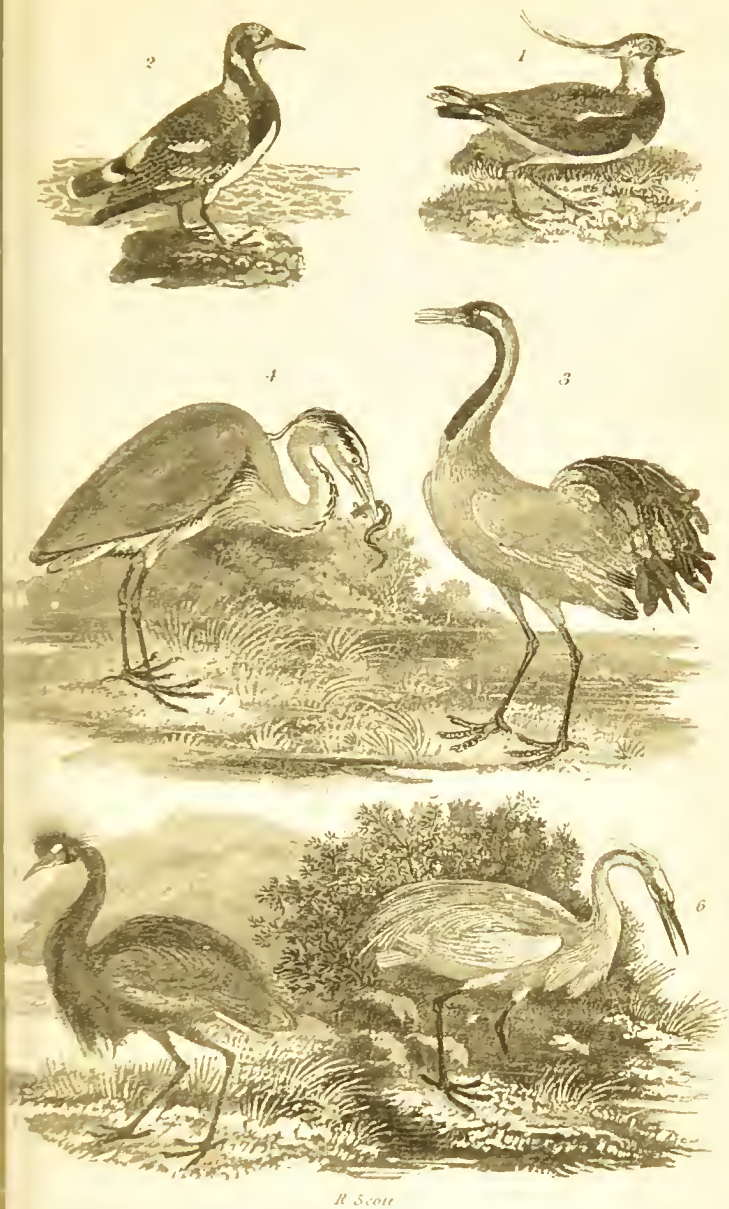
1.Tinamus vellicosus.2.Andabatum Turnix.3.Horned Screamer.4.Coromandel Anastomus.5.American Rhea.6.Blackwinged Longshanks.7.Common Fulicinella.
8.Scolopaceous Heron.

Engraved by Archd.ᵈ Lizars Edinburgh & Wᵐ Lizars Glasgow

R. Scott

1 Emu 2 Cassowary 3 Great Bustard 4 Sanderling. 5 Oyster Catcher. 6 Golden Plover

Published by Archd Fullarton & Co Glasgow



R Scott

1 Lapwing 2 Turnstone 3 Crane 4 Heron 5 Crowned Crane 6 Egret

R. Scott

...ter Rail 2 White Sheathbill 3 Yellow Billed Rhynchop. 4 Crested Boat
...Tufted Umbre 6 African Podoa 7 New Holland Cervopsis 8 White
...bill 9 Purpurian Tavoun

...ly As. by Fullarton & Co. Glasgow

R Scott

1 Jacana 2 Bittern 3 Stork 4 Flamingo 5 Avoset
6 Spoonbill

Published [illegible] Fullarton & C. Glasgow.

R Scott

1 Giant Crane 2 Sacred Ibis 3 Curlew 4 Sandpiper 5 Greenshank
6 Red Godwit 7 Woodcock 8 Common Snipe. 9 Landrail.

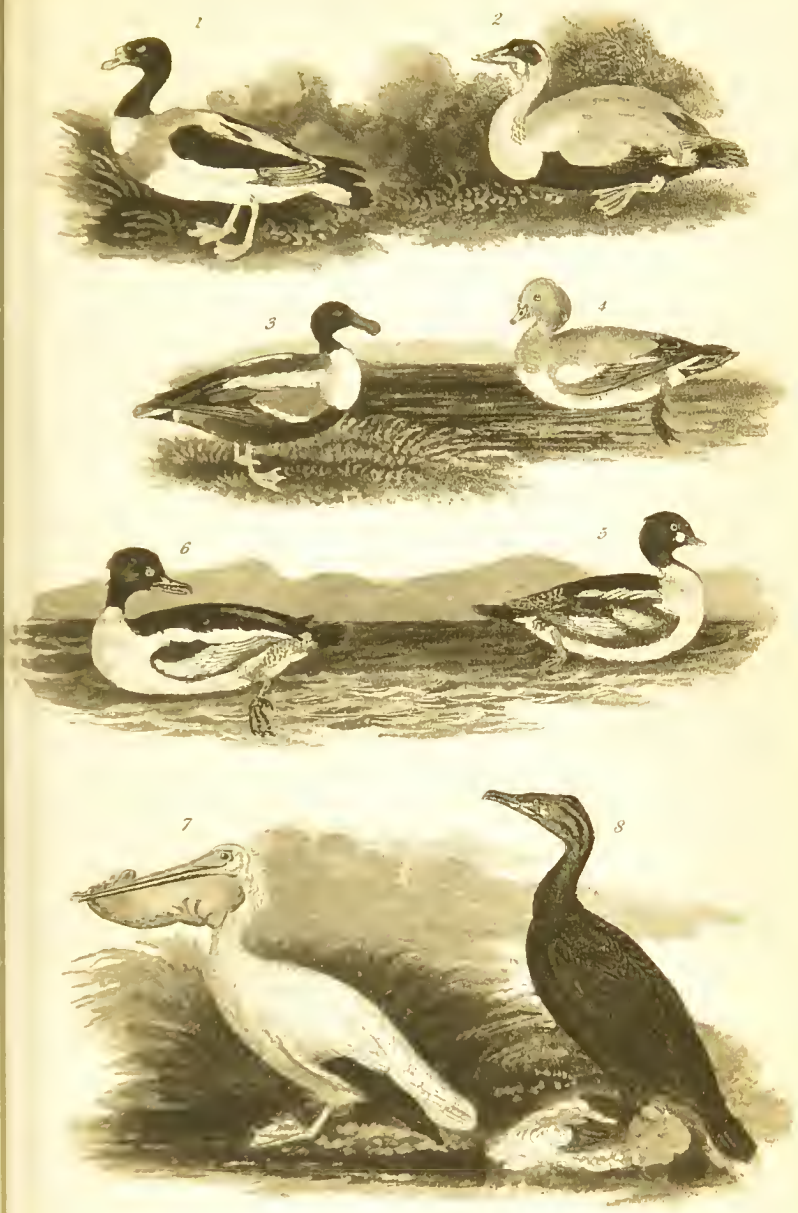
Published by Archd Fullarton & Co Glasgow

Ruff. 2 Water Hen. 3 Coot. 4 Grey Phalarope. 5 Great Crested Grebe.
6 Male Tern. 7 Sabines Gull. 8 Squa Gull

Published by Archd. Fullarton & Co. Glasgow.

1 Fulmar 2 Procellaria Pelecanoides 3 Wandering Albatross 4 Chinese Goose.
5 Red Breasted Do 6 Barnacle Do 7 Black Swan 8 Tame Do

Published by Archd. Fullarton & Co. Glasgow



R. Scott

1 Shieldrake. 2 Eider Duck. 3 Shoveler. 4 Wigeon. 5 Golden Eye
6 Goosander. 7 Pelican. 8 Cormorant.

Published by Archd Fullarton & Co Glasgow.

1 Curry Crooked Dendrocolapte 2 Blue Berry Eater 3 Hooked Eagle 4 Lumbring Climacteris 5 Crested Starke 6 Common Thick Knee 7 Bearded Trichophorus 8 White Crested Mandrin 9 White Winged Gullimot 10 Hopping Gorfou 11 Southern Apteryx 12 Patagonian Penguin

Published by Archd Fullarton & Co Glasgow

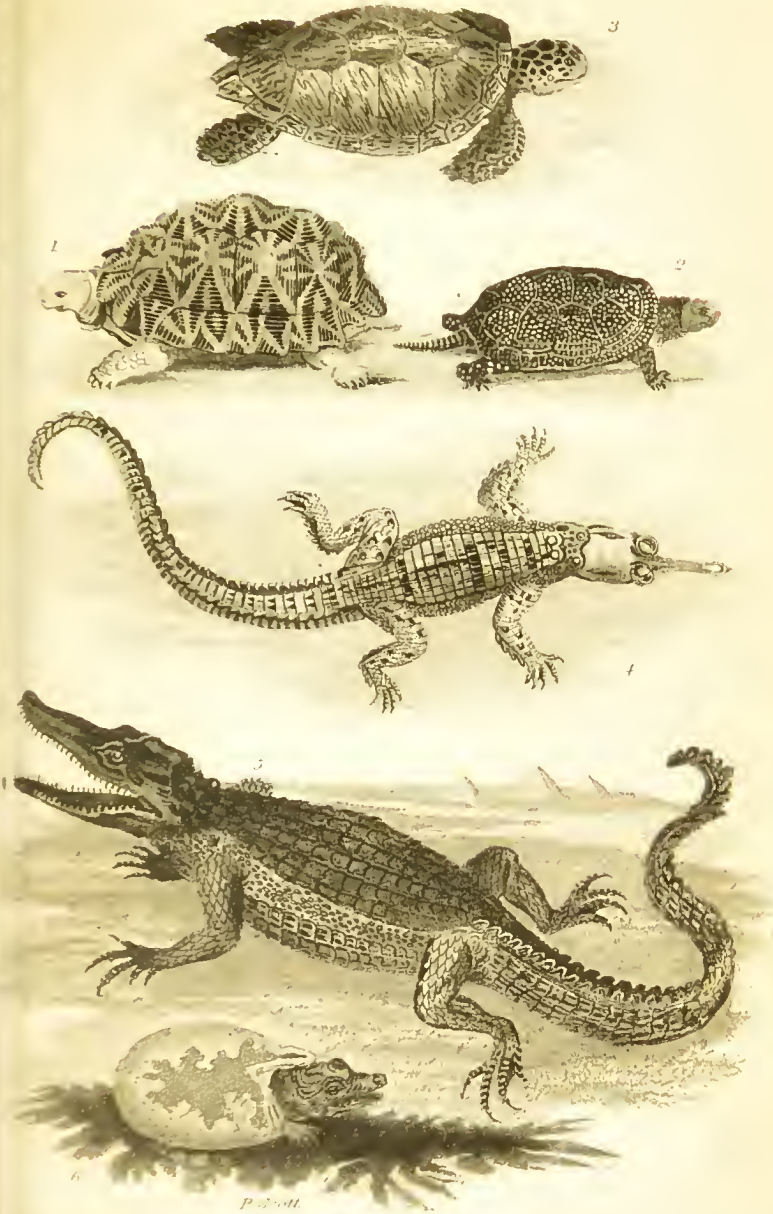
R. Scott

1 Eider Duck. 2 Shag. 3 Great Northern Diver. 4 Little Auk.
5 Great Auk. 6 Puffin. 7 Dodo.

Published by Wm. Blackie & Co. Glasgow.

Ale Hooded 1 Pratincole 2 crested Dichodophus 3 Faithful Jacana 4 Golden Breasted Plover 5 Knobbed headed Tantalus 6 Red Knot 7 Red lobe Foot 8 Cape Snipe 9 Variegated Red Phalarope 10 Red Phalarope 11 Grey Lobe

Published by Ar. Hall at the Ship Aldgate



1 Geometrical Tortoise 2 Speckled D° 3 Green Turtle 4 Gangetic Crocodile 5 Common Crocodiles Egg

Published by Lackington Allen & Co. Edinburgh

R. Scott.

thor 2 Dracoena Lizard. 3 Muricated Dº 4 Striped Ameiva. 5 Basilisk. 6 Flying
n.

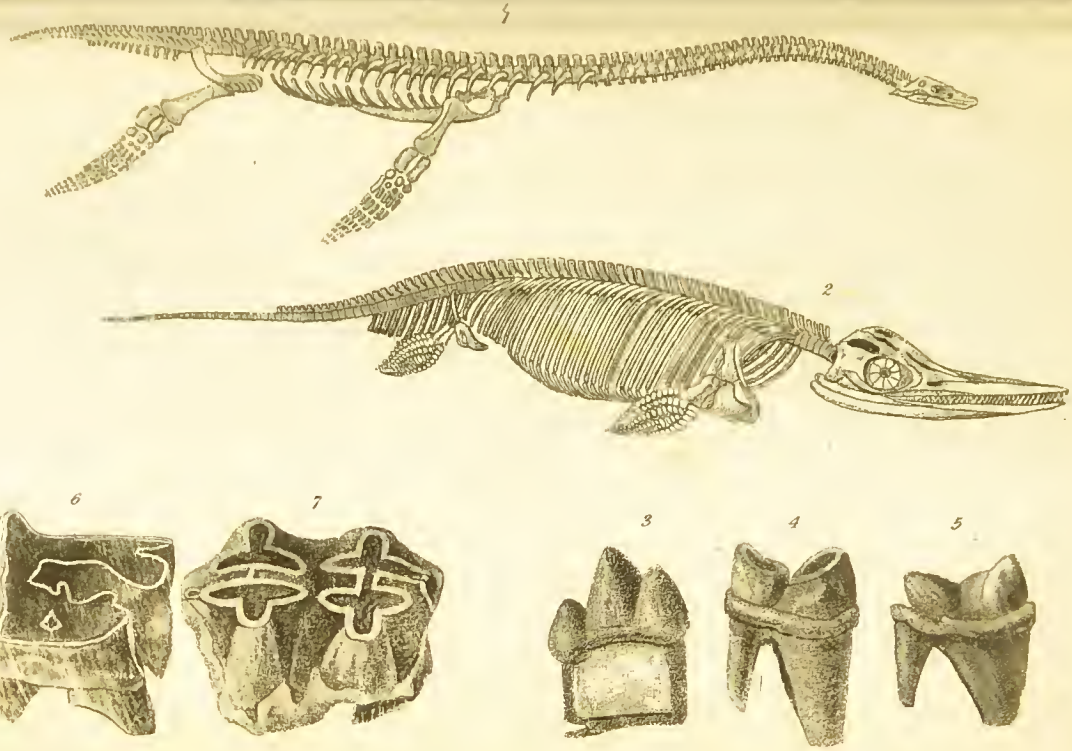
Published by Archd Fullarton & Co Glasgow

1 [illegible] Tailed Gecko. 2 Common Chameleon. 3 Common Skink. 4 Blind Worm.
5 Eel shaped Siren. 6 Great Boa. 7 Banded Rattle Snake.

Published by Archd Fullarton & Co Glasgow.

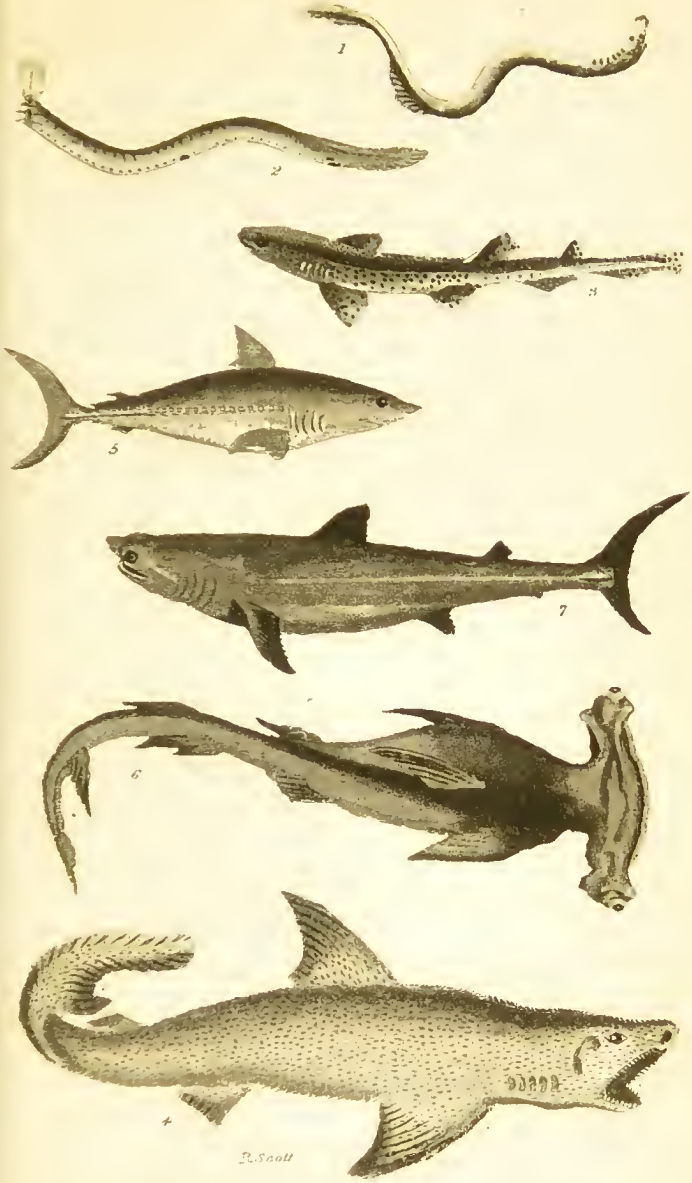
Spectacle Snake 2 Eel shaped Cæcilia 3 Green Frog 4 Eggs 5 Tadpoles.
Syphilic Toad 7 Salamander 8 Surinam Toad 9 Water Proteus 10 Horned
Toad 11 Tree Frog.

Drawn by Ar. Hay & Son & Co. Edinburgh



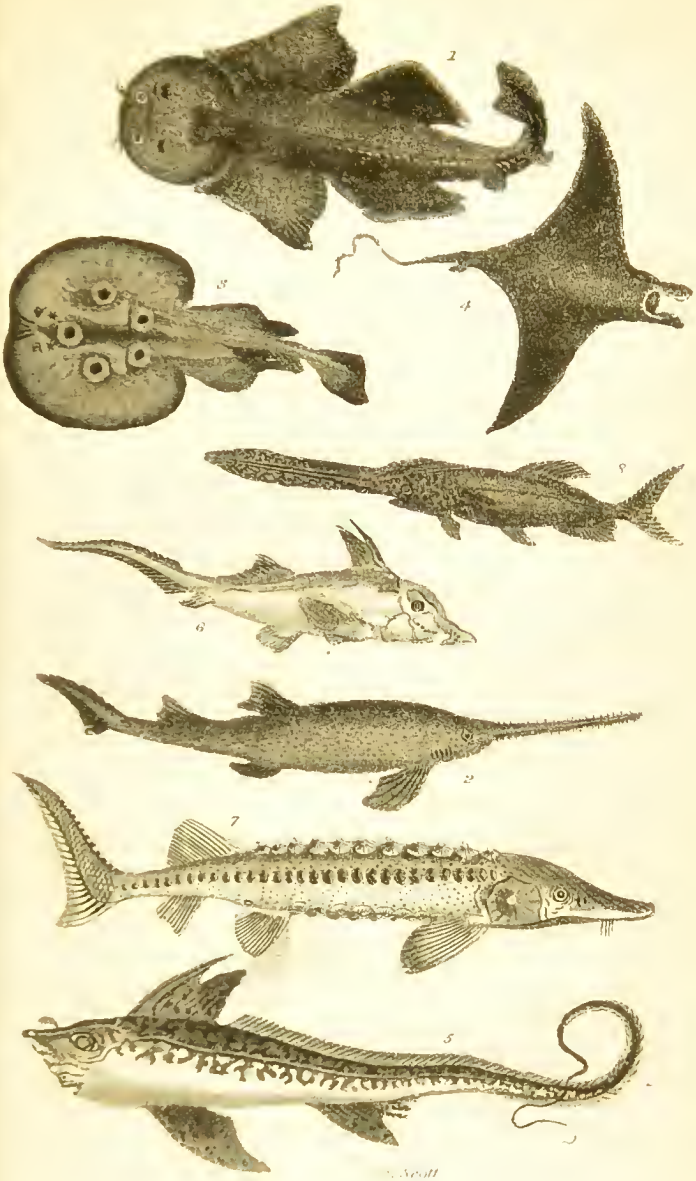
1 Plesiosaurus. 2 Ichthyosaurus. 3 Molar tooth of Wolf. 4 Dº of Tiger. 5 Dº of Hyaena. 6 Dº of Rhinoceros. 7 Hippopotamus.

Published by Archd Fullarton & Cº Glasgow



1 Lesser Lamprey 2 Glutinous Hag. 3 Lesser Spotted Shark 4 White D° 5 Por beagle D° 6 Hammer Headed D° 7 Basking D°

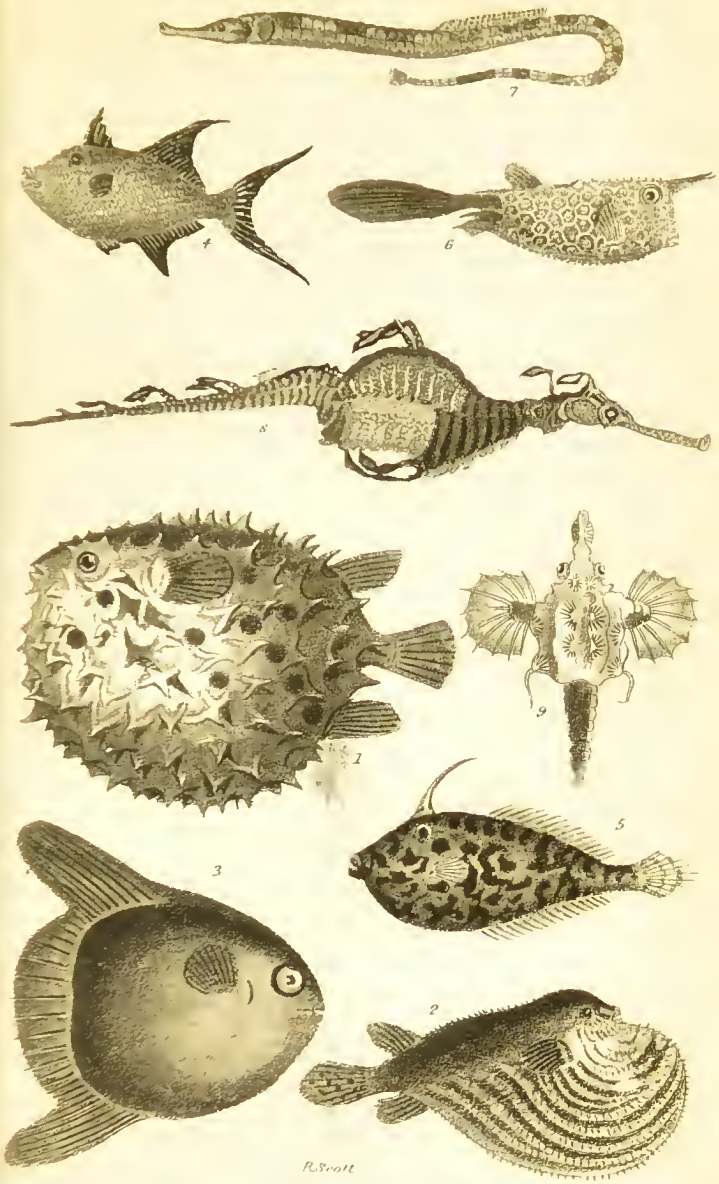
Published by Arch^d Fullarton & C^o Glasgow



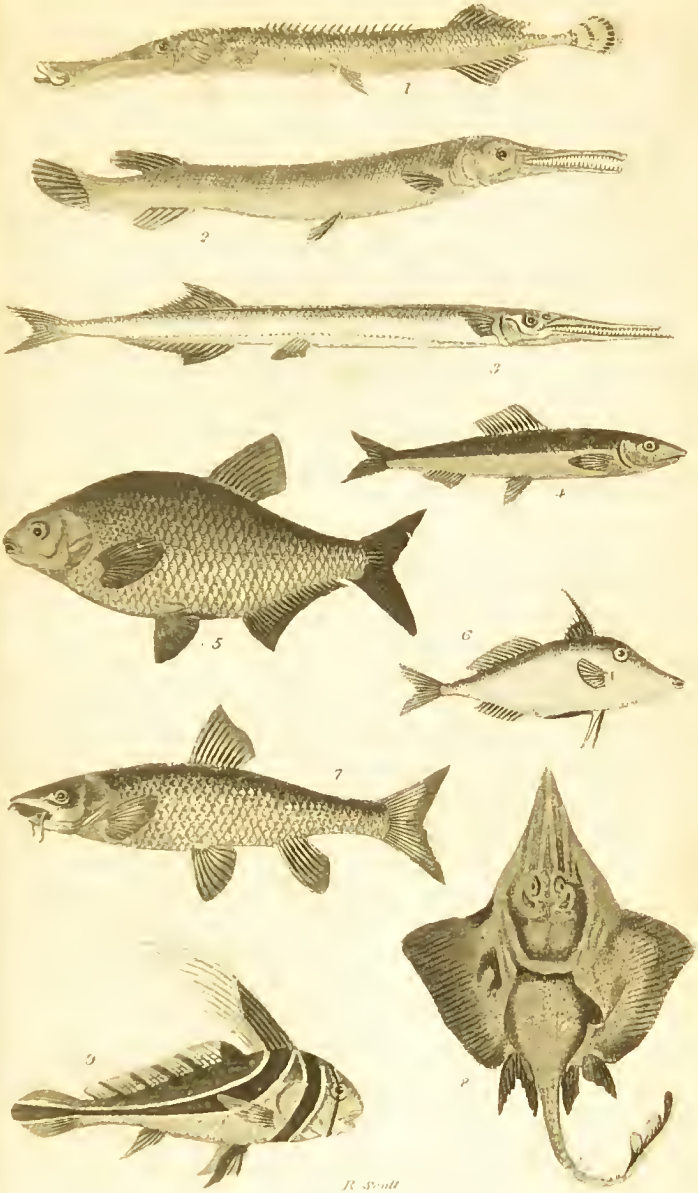
1 Angel Fish 2 Saw Fish 3 Torpedo 4 Daemon Ray 5 Northern Chimera

Southern Do 7 Sturgeon & Reticulated Spatularia

Engraved by Archd Lolliard & Co Glasgow

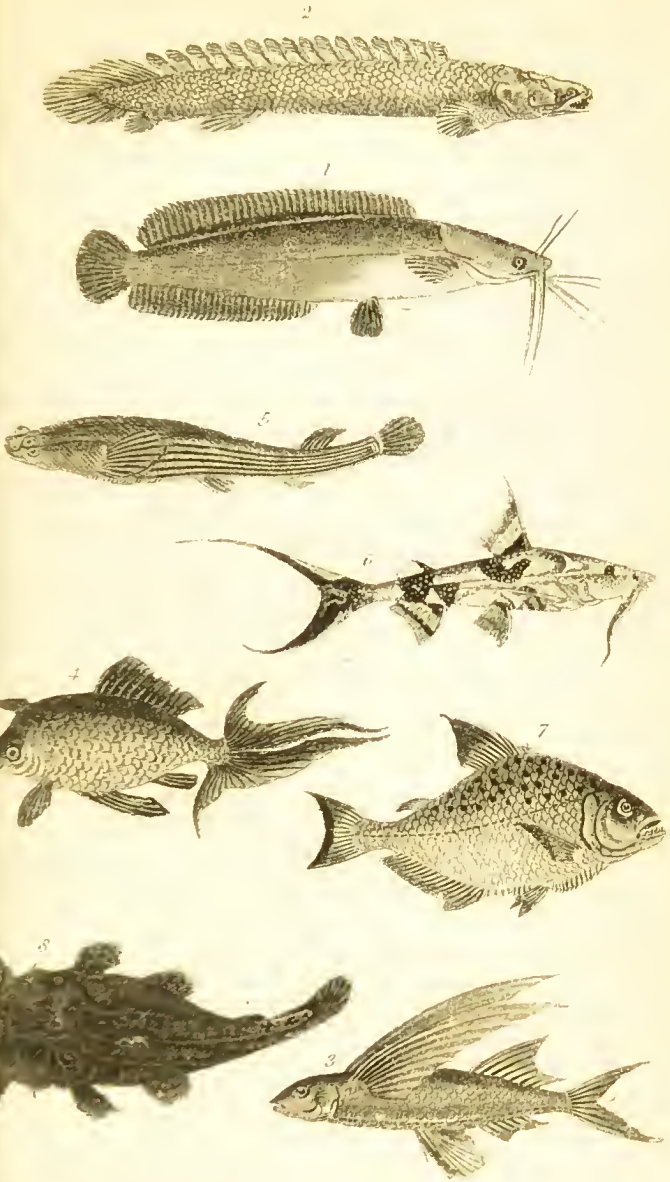


Round Trunk 2 Lineated Tetrodon 3 Short Sun Fish 4 Old Wife or File D° 5 Unicorn
6 Horned Trunk D° 7 Great Pipe D° 8 Australian Pipe D° 9 Dragon Pegasus.



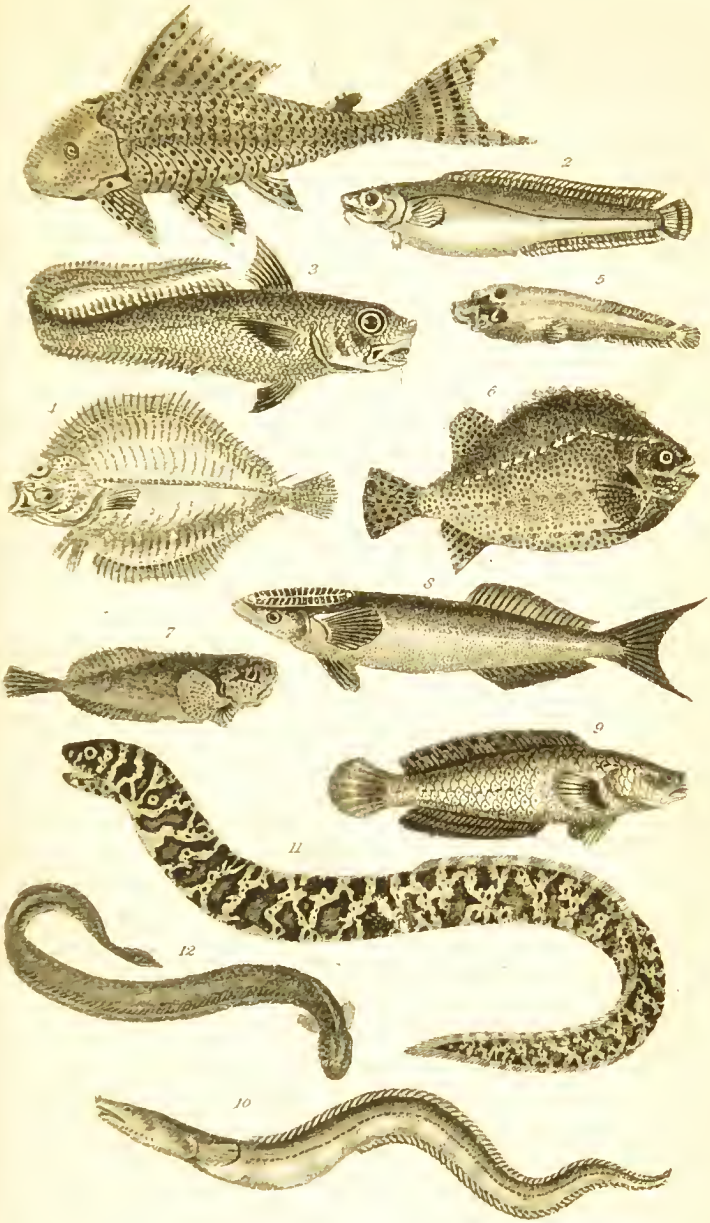
1 Chinese Tobacco Pipe Fish 2 Chinese Gar Fish 3 Sea Pike 4 Anchovy 5 Bream 6 Two Spined File Fish 7 Barbel 8 Sharp Nosed Ray 9 American Knight Fish

Published by Archd Fullarton & Co Glasgow



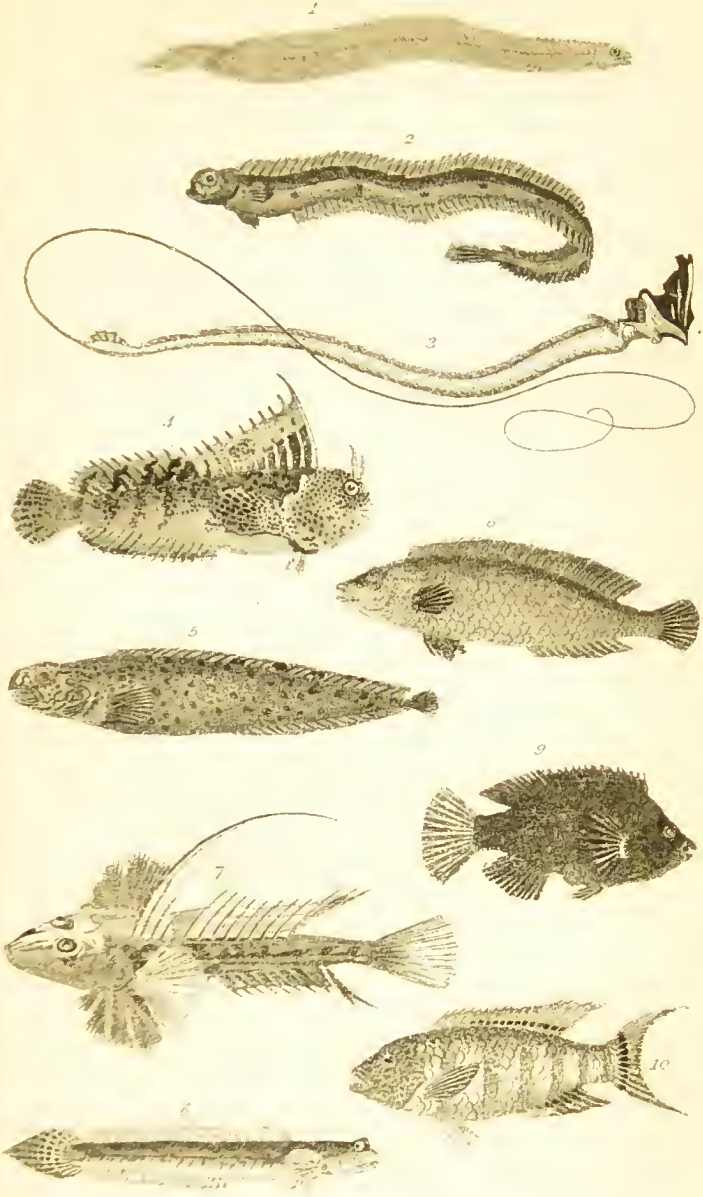
Macropteronotus 2 Silurus Pompterus 3 Fluma Fish 4 Golden Carp 5 Four Eyed Gnathlepis 6 Pimelodus Bagarius 7 Rhombus Salmon 8 Platystacus Chara

Publish'd by Ar.ch Fullarton & Co. Glasgow

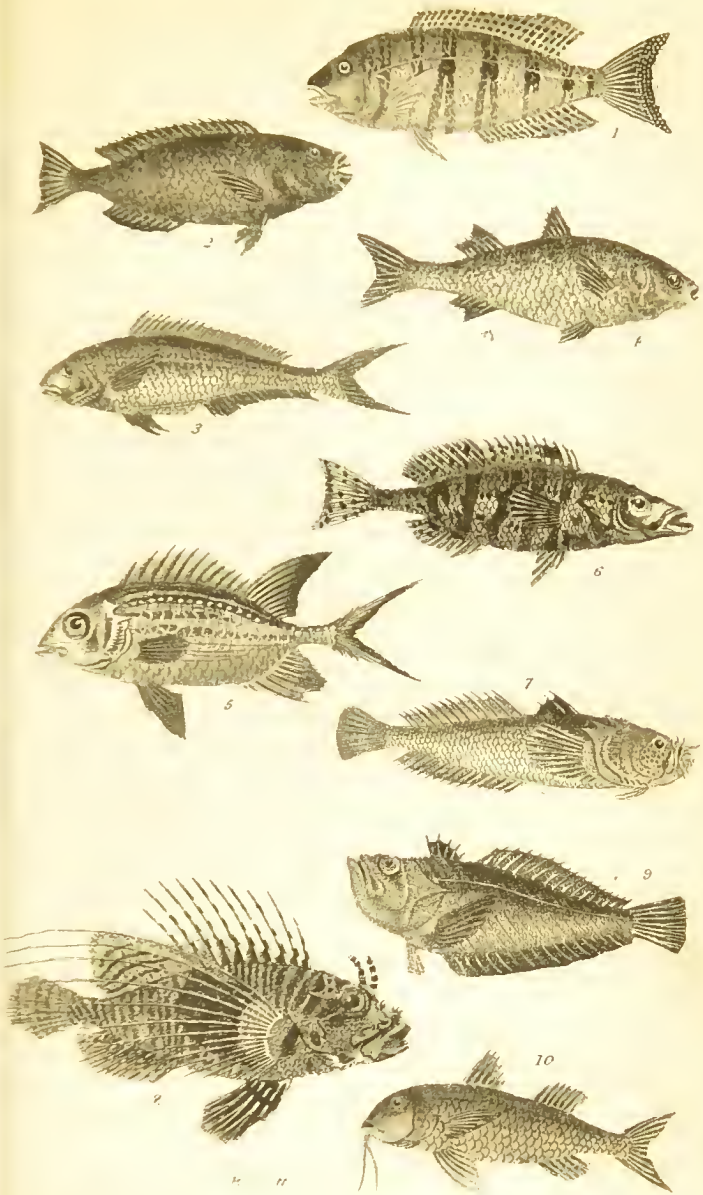


1 Yellow Lorricaria 2 Torsk 3 Long Tailed Immunset 4 Flesh Coloured Fluke 5 Two pot Sucker 6 Lump Sucker 7 Diminutive Lump Sucker 8 Remora. 9 Punctuated Ophicephalus 10 Conger Eel 11 Chain Striped Murena 12 Electrical Gymnotus.

Published by Arch^d Fullarton & Co Glasgow



1 Leptocephalus Morrisii 2 Lizard Fish 3 Fistularia Stelephorus 4 Ocellated Blenny
5 Wolf Fish 6 Cyclopterus Lumpus 7 Cuvieanus Dragonet 8 Julis Microlepidotus 9 Gibbous Wrasse 10 Banded Gilt Head



1 Sparus Gilt Head 2 Green Scaras 3 Gold Tailed Sparus 4 Tamp. 5 Sogo
Holocentrus 6 Spotted Holocentrus 7 Star Gazer 8 Antennated Scorpaena 9 Dra
gon Weever 10 Surmullet

1 Swallow Gurnard. 2 River Bull Head. 3 Red Mackrel. 4 Opah Dory. 5 Hur
lequin Angler. 6 Fishing Frog. 7 Flinna Gurnard. 8 Common Sword Fish. 9
Guiaraon Corypheno. 10 Long Finned Chaetodon

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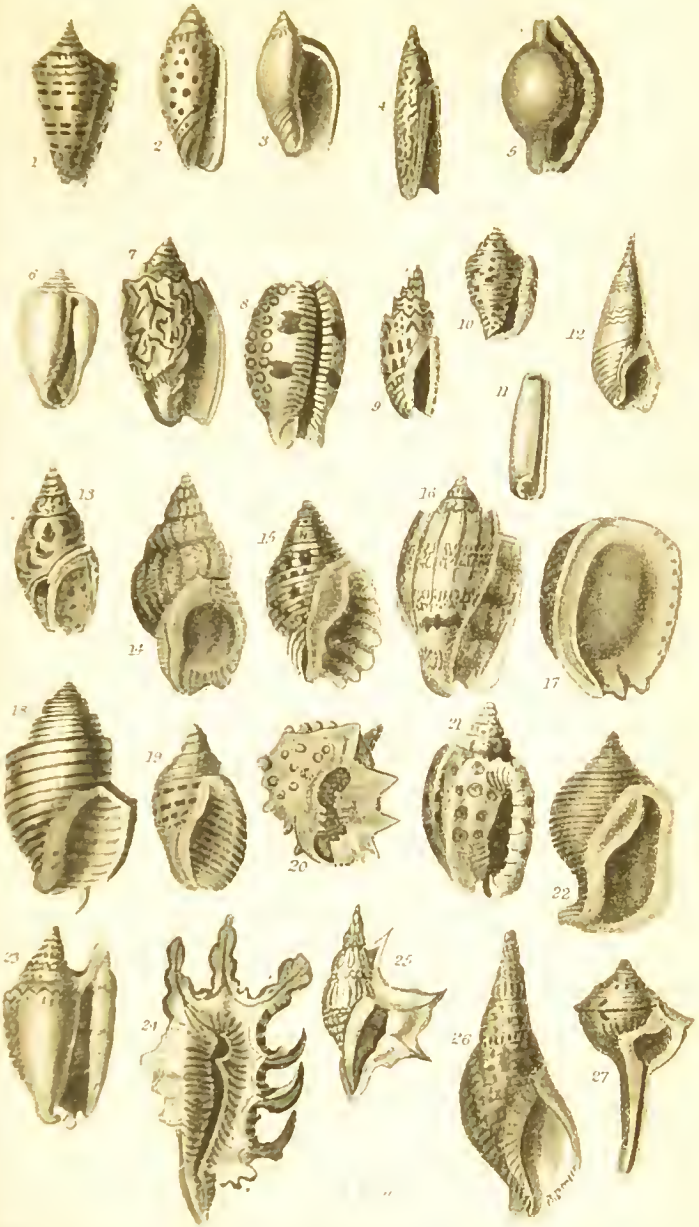
gile Carnaria. 2 Argus Argonauta. 3 Fungus s Baculites. 4 Ribbed Turrilites.
5 y Ammocerolites. 6 Striated Orbulites. 7 Arm'd Ammonites. 8 Umbilicated Nauti
9 Flat Nummulites. 10 Grooved Vorticulus. 11 Wrinkled Polystomella. 12 Cloak Sha
es. 13 Viatrular Discorbis. 14 Star Shaped Placentula. 15 Rolled Lenticulina. 16
us Shaped Rotulites. 17 Round Melliona lo. Oval Miliola. 19 one Striated Orbi
a. 20 Scaled Cristellaria. 21 Lid Shaped Renulina. 22 Nautilus Shaped Littuola
h Shaped Spirolina. 24 Perone Spirula. 25 Nummulical Gonlites. 26 Bent Hippuri
Shining Nodosaria. 28 Reddish Ro Orthocera. 29 Sub ous Belemnites.



1 General Genus 2 Bloody Olive 3 Cinnamon Ancillaria 4 Awl-shaped Terebellum
5 Pear-shaped Volute 6 Blush Carpmella 7 Bat Volute 8 Measles Cyprea 9 Buttoned
Olive 10 Variegated Columbella 11 Cylindric Solvaria 12 Filleted Terebra 13 Cingalese
Turbo 14 Wheat Periwinkle 15 Partridge Dolium 16 Roseate Harpa 17 Peruvian Cone
18 Banded Monoceros 19 Persian Purpura 20 Rugged Bermuda Patch
21 Persian Cassidaria 22 Diamas Ear Strombus 23 Knotty Pterocera
24 Pelican Foot Rostellaria 25 Variegated Triton 26 Spiral Murex

1. (C l - 3)

Tribe 3. [illegible]

Genus 12. Turbo villula LXXXIV 12.
13. Cerithium Zeylanica 13.
14. Buccinum undatum 14.
15. Voluta papilio 15.
16. Harpa ventricosa 16.
17. Cochlespira - pumila 17.
18. Rhinoceros - Cingulatum 18.
19. Purpura - persica 19.
20. Ricinula arenicola 20.
21 Cassis areolata 21.
22 Cassidaria Echinophora 22

Tribe 4. Alata

23 Strombus - auris dianae 23.
24 Pteroceras - chiragra 24.
25 Rostellaria - pespelecani 25

Tribe 5 Canaliferæ

Subdiv. 1. with permanent lodge or notch

26 Triton variegatum 26.
27 Murex spinosus 27
28 Ranella spinosa LXXXV. 1
29 Muricidaria - nodulosa 2.

Subdiv. 2. without permanent lodge

30. Pyrula - ficus 3
31. Fusus - corneus 5
32 Turritella - terebra 6
33. Cancellaria - reticulata 4
34. Turbinella - pyrum 8
35. Pleurotoma - turbida 7
36. Cerithium - semigranosum 9

Subdiv. 2. Rhyssachaga - [illegible]

Tribe 1. Turbinacea

37. Turritella - terebra 11. 4
38. Phasianella - pullus 12
39. Planaxis - decollata 16
40. Turbo - scalaris 15
41. Monodonta - labio 10
42. Trochus - zizyphinus 21

Plate IV. Part of the Genus Strombus 2 Fig Pirula. 4 Reticulated Cancellaria 5 Common Fusus 6 Ventricular Fasciolaria 7 Javanese Pleurotoma. 8 Pear Turbinella with rounded teeth on lip 10 Thick lipped Monodonta 11 Angular Turritella 12 Child in Plate VI. Fig. 3 Melanious Variety 14 Fresh water Neritina 15 Guinea Natica. 16 Fig. du Turbo 18 Banded Rotella 19 Common Ianthena 22 Scaly Bucinum 23 Fringed Delphinula. 24 Perspective Sol 26 Smooth Superatus. 26 Wimble Pyramidella 27 Ear 28 Hairy 29 Striated 30 Imbricated Stomatella.

Oval Naticella. 2 Glutinous Ampullaria. 3 Viviparous Paludina. 4 Pond Valvata. 5 Pellucid Valvata. 6 Fountain Physa. 7 Pale Bithynia. 8 Crowned Melania. 9 Pond Limnea. 10 Pitch Lutea. 11 Keeled Planorbis. 12 Elegant Cyclostoma. 13 Judas Turritella. 14 Oblong Succinea. 15 Virginian Achatina. 16 Mountain Bulimus. 17 White Planorbis. 18 Pimpled Planorbis. 19 Least Carychium. 20 Dwarf Vertigo. 21 Moss Pupa. 22 Greater Helicina. 23 Halioetis Shaped Testacella. 24 Shore Navicella. 25 Globular Limnea. 26 Mouse Caracolla. 27 Grove Helix. 28 Polished Melanopsis. 29 Red Limax. 30 Amphibious Patabella. 31 Cap Shaped Parmacella.

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Tribe 1. Monica . Orb 4 Subcyrtula
Tribe 2. Cyrtoidea 4. Pharyngella Calycadea LXXXVI - 31
Sub-tribe 2. Hyalo-Sphaerida 5. Orbitolina
Sub-tribe 2. Cyrtocapsacea 6. Cenosphaera - Hexagonia - 30
7. Callimitra - Cubistra LXXXVII - 25
Sub-tribe 3. Spongiacea 8. Cenosphaera - Spongaria - 26
9. Dictyocha - Fenestra - 23
10. Petalospyris - Petalocapsa - 27
11. Acrocubus - Acrocubus - 29
12. Diaphanocapsa - Cannobotrys - 30
13. Acrocubus
Tribe 4. Calocyclacea 14. Lithocyclia - Orbiculina - 15
15. Cryptocarpium - Cryptocarpium acuminatum - 16
16. Cryptocarpium - Cryptocarpium sinuosis - 17
17. Pterocanium - Pterocanium hispidum - 31
18. Tricolocapsa - Tricolocapsa Graca - 20
19. Sethocyrtis - Sethocyrtis Christiana - 21
20. Lithocampe - Lithocampe fissura - 17
21. Lithocampe - Lithocampe anchorata - 22
Sub-tribe 5. Cyrtocapsacea 22. Lithocampe - Lithocampe Medusa - 14
Cenosphaeridae 23. Pterocanium - Pterocanium pinnacea - 14
Sub-tribe 6. Phormocyrtidae 24. Phormocyrtis - Phormocyrtis Vulgaris - 15
25. Cyrtopera - Cyrtopera parvicornis - 13
26. Cyrtocalpis - Cyrtocalpis striatus - 10
27. Phormocyrtis -
Tribe 7. Litharachnea 28. Lithocampe - Lithocampe 29 Lithocampe - 30 Cyrtocapsa.
31. Lithocampe - 32 Lithocampe - 33 Lithocampe
Order 5 Phaeodaria - Solitary forms - Spumellaria
1. Phaeodermium - Phaeodermium 6
2. Cystodictya - Cystodictya
3. Aulacantha - Aulacantha 11.
4. Cladococcus - Cladococcus 9.
5. Coelodendrum - Coelodendrum -
6. Atlantidea - Atlantidea 12.
Class 2. Tunicata Order 1. Thaliacea
Sub-order 1. Cyclomyaria 1. Doliolum - Doliolum LXXXVII - 4
Sub-order 2. Desmomyaria 2. Salpa - Salpa - 1
3. Salpa - Salpa

1 Skull Terebratula 2 Waved Anomia 3 Placenta Placuna 4 Latchet Valsella
5 Masked Crania 6 Lerna Cyathula 7 Duck Lingula 8 Oyster like Discina 9 Pyramidal Acadora 10 Striated Chitonellus 11 Helix like Lunulina 12 Three toothed Hyalæa 13 Cuvier's plated Chiton 14 Plumed Pleurobranchus 15 Common Bitella
16 Prickly Crepidula 17 Slit Emarginula 18 Oblong Ancylus 19 Chinese Calyptræa
20 Greek Fissurella 21 Ringed Siphonaria 22 Australian Parmophorus 23 Open Bullæa
24 Indian Umbella 25 Radiated Lophyra 26 Feather like Lunularia 27 Retusa Pheretia 28 Wood like Bulla 29 Flexible Akera 30 White Diaphana 31 Hungarian Pleurotomaria.

Archipelago

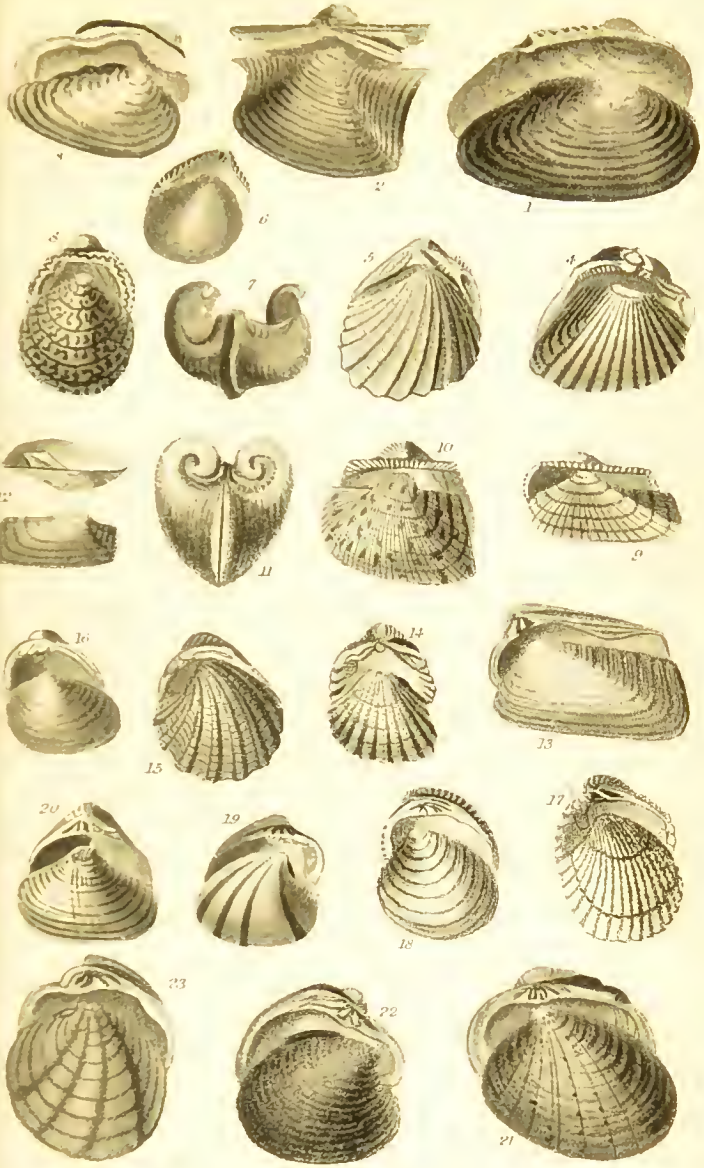
Tribe 1 Genus 1. Branchiopoda Lamarck LXXXVII. 5.
Nudibranchiata
3. Doris cinereoides — 8.
6. Bivalvites Fossil —
7. Balanoida - 8 Radiolites D'O —
9. Ophiosabellites
Section 2. 10 Amonea Nautiloida — 2
Tribe 1 11 Nautilus Nautiloida — 3
Cephalopoda 12 [illegible] — 4
13 Ostracites Lamarck LXXXVIII. 3
14. Lingula anatina — 1
Tribe 2 15. Terebratula — fossil
Palliobranchiata 16. Spondylus — 2
17. Ricardia — 1
18. Pecten — varius — 5
19. Plagiostoma — spinosum — 6
20. Lima — vitrina — 7
21. Pecten — spondyloides — 9
Section 2. 22. Mytilus — margaritifera — 10
Tribe 1 23 Arcacea — arcacea 11
Malleacea 24 Mytilus — arcuatus 12
25. Pinna — ophiopinna 13
26. Crania — Ignatius — 14
27. Pinna — angusta — 15
28. Anatina — edulis — 16
29. Mytilus — discors — 17.44
Section 2 30. Hippopus maculatus — 18.
Tribe 2 Tridacnidae 31. Tridacna gigas 21 —
Order 2. Dimyaria. Duo musculi adductores
Section 1 Tribe 1 Tribus 1 Etheria — elliptica — 19 —
Branchiae 2 Chama lazarus — 20 —
3 Diceras — arietina — IX. 7 —

Section 2. Lamellipedes —
Tribe 1 Nayades — Testa in fluviatilibus —
Tribus 4 Cardita — rudolphiana VIII 22 —

1 Undulated Gryphæa 2 Long Spined Spondylus 3 Edible Ostrea 4 Braudled Plicatula 5 Speckled Pecten 6 Thorny Plagiostoma 7 Glassy Lima 8 Turtle's Galeommata 9 pendulus Shaped Pedum 10 Pearl Ivanna Meleagrina 11 English Arca 12 White Mullen Rondelle Terra 14 Muscle Shaped Crenatula 15 Huge Terra 16 Solid Mytilus 17 Pheasedant Modiola 18 Spotted Hippopus 19 Oval Ethe 20 Lacuna Chama 21 Grand Tridacna 22 Side Iridina 23 Oblique Pistidium.

Conchyliologia Systematica

genus 5	Anodonta - Cygnea	LXXXIX	- 1	- 4
6	Mytilus anatinus	—	2	
7	Mytilus - pectinatus	—	3	-
Ordo 2 (8	Cardalia undigena	—	4	
Trigonaceæ 9	Trigonia pectinata	—	5.	
Ordo 3) 10	Arcula - margaritacea		- 6.	
Arcaceæ) 11.	Pectunculus - glycimeris		- 8.	
12.	Arca Noe		9	- 44
13	Cucullea auriculifera	—	10	
Ordo 4 14.	Isocardia - cor	—	11.	-
Cardiaceæ 15.	Hialella - arctica		12.	
16.	Lyonsia Norwegica		13	
17	Crenella crenata		15	-
18	Cardium Edule	-	14.	-
Ordo 5. 19	Venericardia imbricata		17	-
Conchaceæ 20	Orbigia gallina		19	-
Lævis 1. 21	Venus casina	-	18	
Tellea 22	Cytherea Chione	—	21	
23	Corbula orbiculata	—	23	15
24	Cyprina Islandica		22	-
25	Tellina solida	—	16	1
Sectio 3. Truncatelle			2. Fluviat.	
26	Galeomma - radiata		20	
27	Cyrena - fluminea	XC.	1	-
28	Cyclas - cornea		2	- 2
29	Pisidium - obliquum	VIII	23	-



1 Swan. Anadonta. 2 Little Bird Hyria. 3 Painters Unio. 4 Undiquous Castalia
5 Toothed. Trigonia. 6 Pearley Nucula. 7 Ram horned Diceras. 8 Delicious Pec-
-tunculus. 9 Noahs Area. 10 Eared Cucullaea. 11 Heart Isocardia. 12 Striated.
Mya trina. 13 Guinea. Cypricardia. 14 Edible Cardium. 15 Furrowed. Cardita.
16 Red Lucina. 17 Imbricated Venericardia. 18 Mouthwassina Venus. 19 Ellen Ortygia
20 Rays Galathea. 21 Chirne Cytherea. 22 Islandic Cyprina. 23 Orbicular Exoleta

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Conchifera Order 2 Dimyaria.

Section 1. Zanipedes

Tribe 1. Asiphonacea

Genus 30. Cardium edule &c. 3 45
31. Cardium - lavigata -- 4 -
32. Donax - trunculus - 5 -
33. Lucina undata -- 7 -
34 Mya arenaria 6
35 Corbis fimbriata 8 -
36. Anatina crassa - 9
37. Tellinides rosea - 10
38. Tellina donacina 11
39. Psammobia violacea 13
40. Psammobia pervensis 12
41 Sanguinolaria rosea - 15

Tribe 2 Siphonati

42. Teredo navalis perforans 16
43. Fabricola pholadiformis - 17
44. Saxicava arctica - 18

Tribe 3 Corbulacea

45. Pandora - rostrata - 19
46. Corbula nucleus - 20

Tribe 4 Inclinacea

47. Amphidesma - reticulata 24
48 Solemya mediterranea 23 46
49 Tellimya tenuis 14
50 Ungulina transversa 22
51 Lucina - striata 21

1 Boat Cyprina. 2 Iceland Cyclas. 3 Scottish Crassina. 4 Polished Capsa.
5 Truncated Donax. 6 Rounded Mysia. 7 Waved Lucina. 8 Fringed Corbis. 9 Thick Arcopagia. 10 Rescate Tellinides. 11 Depressed Tellina.
12 Variegated Psammobia. 13 Faroe Psammobia. 14 Thin Tellinya.
15 Rose-red Sanguinolaria. 16 Perforated Venerupis. 17 Pholas Shaped.
18 Serrated Saxicava. 19 Beaked Pandora. 20 Kernel Cyrtodaria.
21 Red Kryena. 22 Transverse Unadina. 23 Mediterranean Solenya.
24 Oval Anatinella.

Lamellibranchiata Gills & Bivalves

Genus 52. Crassatella lunicola XCI. 1.
53. Lizula pholadiformis — 2
54. Macha truncata — 3
55. Machrina triangularis — 30 —
56. Lutraria elliptica — 4 —

Section 4. Crassitelles

Tribe 1 Myaria

57. Anatina declivis — 5 —
58. Mya truncata — 6 —
59 Saxicava barbouri LXXXVIII. 8 —
60 Magdala striata XCI. 12.
61 Myatella striata LXXXIX. 12
62 Venilia elliptica XCI. 13 —
63 Spenia Binghami — 14 —

Tribe 2 Lutricoles

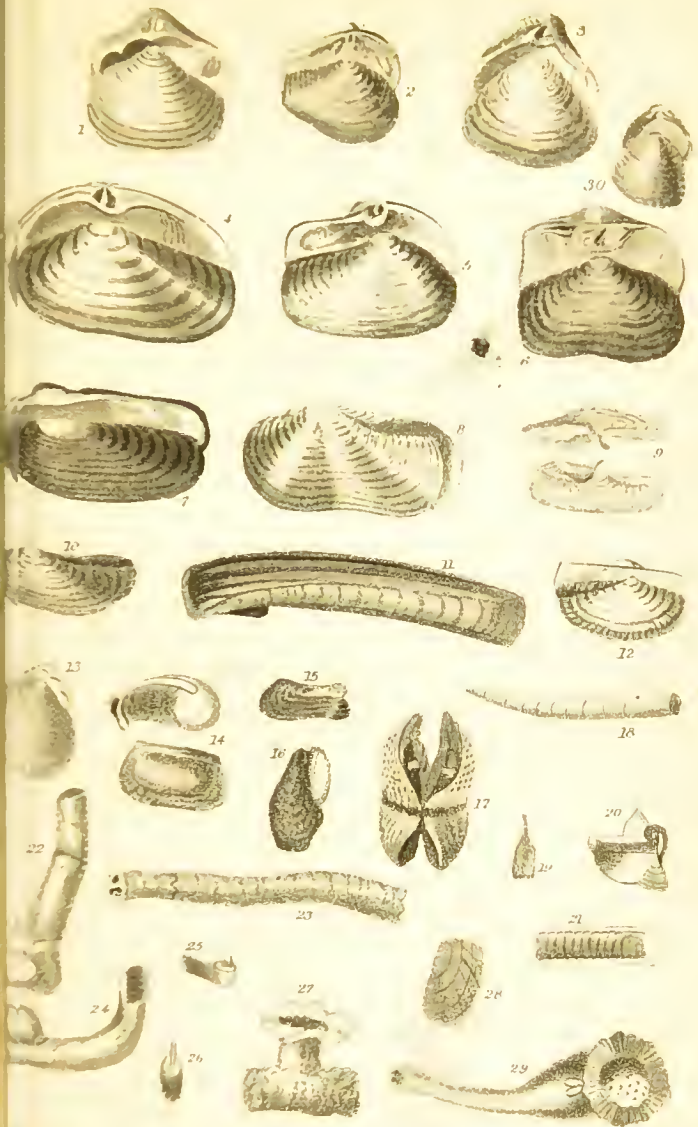
64 Glycimeris siliqua — 7 —
65 Panopea Aldrovandi — 8. 9.
66 Solen ensis — 11

Tribe 3 Pholadaria

67. Gastrochona modiolina 16.
68. Pholas crispatus — 17 —

Tribe 4 Tubicola

69 Teredo navalis — 18 & 21 —
70 Fistulina personata — 22. 8
71 Septaria arenaria — 23.
72 Fistulana gregata — 24 & 26
73 Cuniculina alata 27. 28
74 Aspergillum javanum — 29 —



...s Island Crassatella .2 Very thin Ligula .3 Truncated Mactra .4 Oval Lutraria
...ng Anatina .6 Truncated Mya .7 Pod Glycimeris .8 Abbrovambus's Panop. 9 Hinge
...0 Solen shaped Tritina .11 Sabre Solen .12 Striated Magdala .13 Oval Crenella
...ghams Spenia .15 Wrinkled Pholcobia .16 Modioliform Gastrochoena .17 Curled Pho-
... Ship Teredo .19 A terminating side valve of D° .20 A bivalve of D° .21 Section of an-
...part of tube of D° .22 Masqued Teredina .23 Sand Septaria .24 Gregarious Fistul-
...5 A bivalve of D° .26 A side valve of D° .27 Open Clavagella .28 Face valve of D°
...ed Aspergillum .30 Triangular Mactrina

Edin.d by Dr Archd Fullarton & Co Glasgow

Class 1. Li[illegible] - [illegible]

[illegible]

Order 1. Sedumculata - conjunctis v[illegible]

a tubulosa sedumcula

Genus 1. Olion Linnæi XCII 1. 1.

2. Cineras annales 2.

3. Pubiscapes - Commersonia 3.

4. Scapi unus vulgaris - 4.

5. Umbella 10 radiis - 5

Genus 2 [illegible] - unica - apicibus

XII alternis

Genus 1 [illegible]-cordata - 6

[illegible] - 7

[illegible]

8. Umbella integra - 8. 9

9. Calyx unguic. - 28.

10. Bacca unilocularis - 11. 11.

11. Corollæ - dialetalæ 12.

12. Filamenta basi [illegible] 15.

Classis 4. Annelides - soft - naked - ma[illegible]

with number of segments - no blood

Ordo 1 Sedentaria - never leave their habi[illegible]

Tribus 1. Serpulacea

Genus 1. Magilus antiquus XCII. 17.

2. Subulata recumbens - 16.

3. Terebella - triquetra - 18

4. Serpula vermicularis 14

5. Aguorbis nautiloides - 15

Tribe 2 6. Amphitrite ventilabrum - 16

amphitritans 7. Dendrobeia conchilega - 21 -

8. Sabellaria crateriformis 20

9. Fectinaria belgica - 22

Genus 3 10. Dentalium Elephantinum - 26.

annulata 11. — entalis 23 -

12 13. Lumbricales - major - 25 -

14. Brachus - vaccinoformis

15. Clymene - 15 tentacula - 24 -

Genus 2 16. Arenicola

[illegible]

1 Buonville - Olivia 2 Cucullus 3 Cornucopiæ 4 Bulbiceps 5 Common Scalpellum
5 Smooth 6 Imbricated Pergama 7 Winged Arcasia 8 Rhodonias Arasta 9 Operculum 10 11 White Balanus 11 Operculum 12 13 Arca Coronula 15 Whale Tubicinella 14 Vermicular Serpula 15 Nautilus shaped Spirorbis 16 Recumbent Calcolaria
17 Antiquated Magilus 18 Triangular Vermilia 19 Ear Amphitrite 20 Belgic Pectinaria 21 Shelly Teredina 22 Blacker Sabellaria 23 Large Cornucopiæ 24 Snakelike Sabellaria 25 Tooth formed Brachite 26 Tooth Dentalium 27 Elephantine 28 English Adna

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Order 2 Tetramera

Fam. 1.

Tribe 1. [illegible]

Genus 1. Oniscoda
2. Idotea
3. Cleodora
4 Cavolina
5. Limacina
6. Aglaurilla
7. Tiedemannia - reticulata. XCIII.
8. Spio, Cirrhatulus
9. Hyalis
10. Phillodoce
11 Stenione
12. Glycera
13 Nephtys
14 Lycoris
15. Polynoa.
16. Aphrodita aculeata
17. Sabunga

Order 3 Cyclodes without feet

Tribe 1. Echinida - projecting bristles, not ultra

Genus 1. Cirratulus - 2. Sabellaria - 3 Lumbricus

Tribe 2. Hirudinea - without proj. bristles

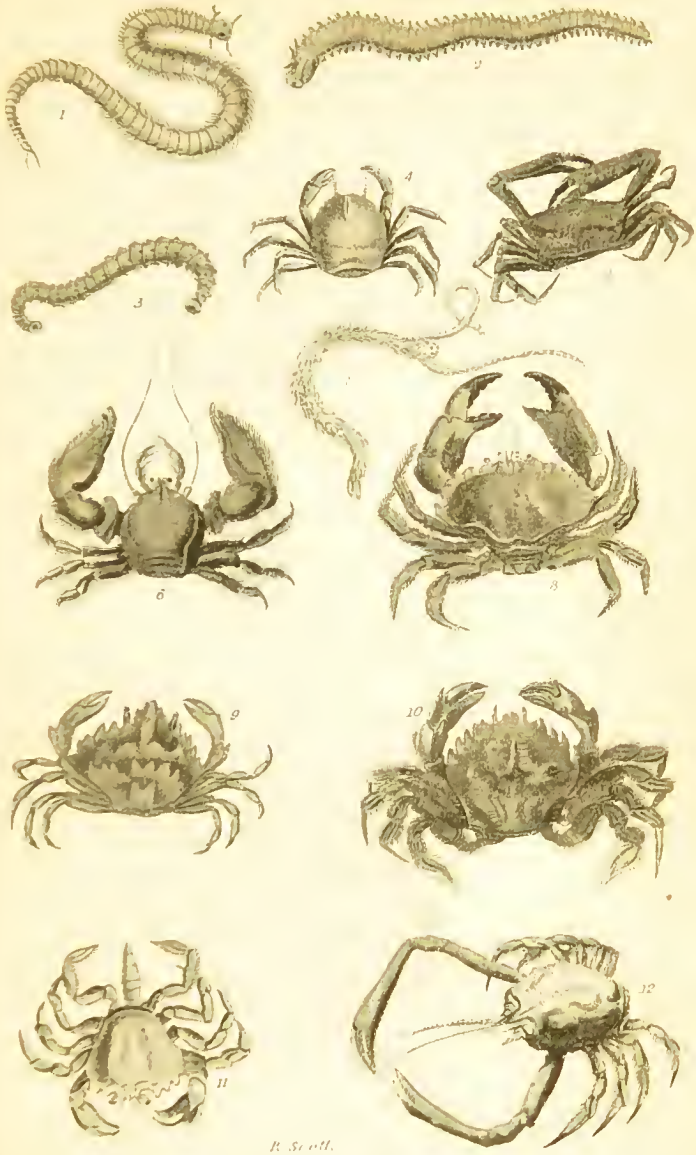
Genus 4 Branchellion - 5 Phyllline -
6 Piscicola -
7 Nephelis - vulgaris - 3
9 Hirudo. 8 Trochetia

Articulata. Class 3. Crustacea.

Order 1st Decapoda

Section 1. Brachyura - Tribe 1 Quadrilatera

Genus 1 Corystes. 2 Telasimus - 3 Myctiris - 5 Cancer
4 Limnotheres - piscium - 4
8 Gonoplax - bispinosa - 5
6 Ranina 7. Granulosa. Tetrodon - 10 Cri
Fam. 2 11 Pilumnus hirtellus 6.
Section 1 12 Cancer pagurus 8.
13 Perimela denticulata 9.
17 Portunus corrugatus 10.



R. Scott.

1 Bloody Leodice. 2 Spined Halithea. 3 D? Pontobdella. 4 Fishing Pinnotheres. 5 Double Spined Goneplax. 6 Hairy Pilumnus. 7 Four horned Spio. 8 Pagurus Crab. 9 Toothed Pirimela. 10 Wrinkled Portunus. 11 Variegated Portumnus. 12 Toothed Corystes

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Athecata. Oladea 6 Tubularia

Tribus 14. Clytia 15 Podocoryne 16 Lafoea
18. Thia 19 Perlummus. variegatus XCII. 11 -
Tribe 3 } 20. Mnestia 21 Obelia 23 Laomedea
Orbiculata } 22 Campanularia - dumosa - - 12
Tribe 4 } 24 Hydractinia -
Cryptocarpa } 25. Clavopsis - 26 Oceania -
Tribe 5. } 27. Pachycordyle - 28 Eucopella - 29 Pisa.
Tribe 6 } 30 Maia 31 Clavopsis 32 Atractylis 33 Eudendrium
34 Dynamena 35 Leptoscyphia 36 Pachycordyle
37 Lithoides.
28 Eucopella aspera XCIV. 1.
32 Atractylis arcuatus 2.
Tribe 6. } 38 Bougainvillia. 39 Hormathia. 40 Dorilaea 41 Ramea
Anthocarpa }

Section 2 Tubulosa.

Tribe 1 } 42. Actinia - 43 Hippa -
Hippalimes } 44 Remipes testudinarius - - 5.
— 2 45 Bunodes -
Paguridae - 46. Pagurus - bernhardus - 1
— — 3 Palinuridae - 47 Palinurus -
— — 4 Scyllaridae - 48 Scyllarus - 49 Thenus.
— — 5 Galathinidae - 50 Ergasticus. 51 Megalopa -
52. Galathea 53 Porcellana
— — 6 Astacinidae - 54 Thalassina 55 Gebia
56 Axius 57 Cadinastacus
58. Nephrops norvegicus - 3.
59. Astacus fluviatilis - 8
— 7. Caridae. 60 Penaeus - 61 Clemopsis 62 Acanthephyra
63 Hippolyte 64 Autonomea 65 Gnathophausia
66 Hymenocera 67. Nika. 68 Palaemon
69. Athanas. 70 Alpheus. 71 Ergasticus.
72. Crangon vulgaris Shrimp 10.
— 8. Schizopoda 73. Pandalus - 74 Pasiphaea.
75 Mysis 76 Nebalia, 77 Lucifer.
Nebalia Herbstii - XCV. 2

Order 2. Monascoda.
Tribe 1. Unipeltata. 1. Squilla. 2 Erichthus. 3 Alima
2. Bipeltata. 4 Phyllosoma.
Order 3 Isopodiscoda. Tribe 1. Otolicus. 1 Cymothoa
Tribe 2. Filiformia. 2 Caprella. 3 Proto. 4 Leptomera

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1 Male Eurynome 2 Round Hyas 3 Norwegian Nephrops 4 Bernhardine Paguras.
5 Portlock Pennant. 6 Common Armadillo. 7 Bordered Æga. 8 River Astacus.
9 Slender Anthura 10 Common Crangon.

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11. Cubal. Crustacea

Order 4 Cirripeda

Tribe 1. Gymnomera

Genus 1 Cerapus 2 Leucothoe 3 Melita
4 Amphithoe 5 Hyperia 6 Gammarus
7 Phronima 8 Orchestia 9 Talitrus
10. Atylus 11. Cerapaimon 12 Podocerus
13. Leucon 14. Phronima

Tribe 2 Gymnotera

15. Hyperia 16 Phrosine

— — 3 Dicampedes

17 Euphilus 18 Mucens 19 Pranza

— — 4. Heteropa

20 Apseudes 21 Cuma

Order 5. Isopoda

Section 1 Aquatica.

Tribe 1 Cymothoades. Genus 1. Bopyrus

— — 2 2. Cymothoa 3 Oga 4 Livoriana
5. Eurydice 6 Nelscira 7 Lymnoria
8. Serolis.
Oga emarginata XCIV.

3. 9. Anthura gracilis — 9
Sphaeromides 10 Anzara 11 Sphaeroma 12 Cassidina
13 Nesa. 14 Dynamene 15 Cymodocea

— — 4. 16 Aega. 17 Cirolana 18 Conilera
Aegidota

— — 5 19 Idotea Entomon XCV. 1
Idoteides 20 Stenosoma.
Section 2 Terrestria — 25 Armadillo

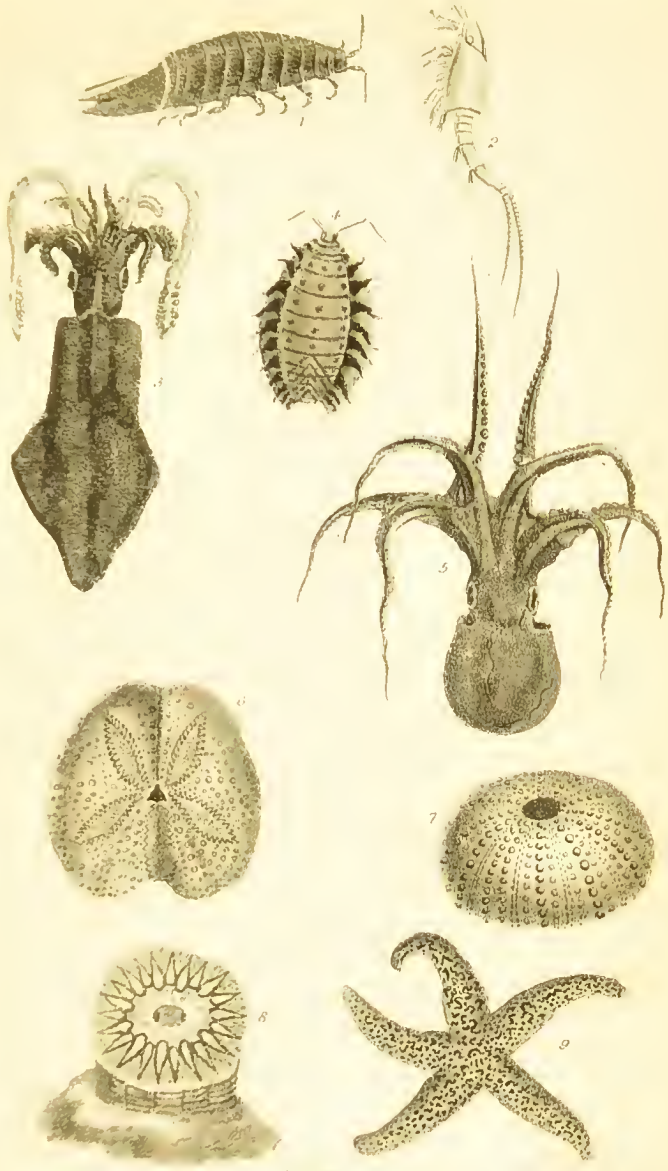
— — 6 21 Ligia 22 Philoscia 23 Mucens 24 Porcellio
Oniscides Oniscus asellus — 4
Armadillo vulgaris — IV. 6

Order 6 Daphnyzopoda — Tribe 1 Limnadina 2. 1 Lynceus
Tribe 2. Ostracoda. 2 Polyphemus 3 Daphnia 4 Lynceus
5 Cypris 6 Cytherina.

Order 7. Myllocopoda Tribe 1 Aspidophora. 1. Limnadia 2. Apus
— 2. Cladocythere 3 Branchipus 4 Ca...

Order 8. Nyctiscina. Genus 1 Leucifer

Subkingdom II Tribe 1 Cascides 2. Nereides 3 Lycoris



Cuttle Fish. Ass Onscus. Common
Coral Actinia. Star Fish.

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Ritratti . Classe 6. Arachnides.

Ordine 1 Pulmonarie

Sezione 1 Sedentarie

Tribù 1 Trachearie

Genere 1 Scorpio - Europaeus - XCVI. 1

Tribù 2. Tracheliate - fam. 2 Phrygani

2. Thelyphonus giusseppii - 2

Sezione 2. Errantes.

Famiglia 1 Tetrapneumones,

1. Mygale cementaria 3

3 Atypus 6 Clotho

7 Filistata 8 Dysdera -

Famiglia 2. Dimerosomes

Tribù 1 Tubitelariche 10 Agalena - 11 Segestria

12 Citidina - 13 Araneae

14 Argyroneta aquatica - 1

Tribù 2. 16 Ciyto bas-bracaica - - 5

Inaquitelae 15 Tetragnatha 17 Epeira 18 Meta

— 3 19 Linyphia 20 Theridion 21 Theridion

Sobrinae 22 Epeira - diadema - 6

— 4

subinegrade 23 Thomisus 24 Micrommata 25 Clubiona

— 5

subgradate 26 Oxyopes 27 Clenus 28 Dolomedes

— 6 28 Lycosa tarantula - - 7

subgradate 30 Erodes

31 Salticus - scenicus - - 8

Ordine 2 Tracheario.

Tribù 1 Syconogonides. Genus 1. Nymphon 2 Ammothea 4 Pycnogonum

3. Phoxichilus hirsutus 9

— 2. Pseudoscorpiones 5. Obisium Trombidoides - 10

6. Chelifer 7 Galeodes -

Famiglia 3 Phalangiata 8. Phalangium communum 11

9. Trogulus 10 Siro -

Famiglia 4 Acaricides 11 Trombidium 12 Erythraeus. 13 Gamasus

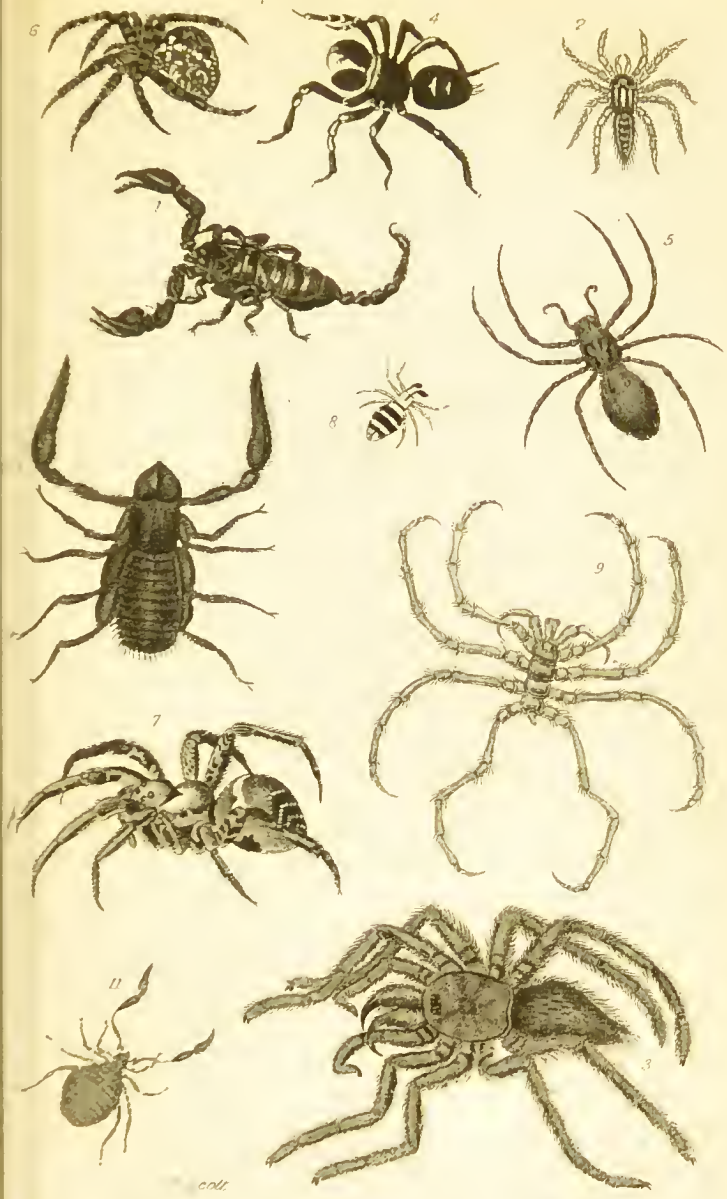
14 Cheyletus 15 Uropoda 17 Ixodes 18 Gamasus

16 Acarus domesticus - XCVII. 1.

Famiglia 5 Hydrachnidia 20 Hydrachna geographica 2

Famiglia 6 Eucinetia 21 Bdella 22 Limnesia 23 Oxodes 24 Argas

Famiglia 7 Microthelphia 25 Caris 26 Leptus 27 Astoma.



pion. 2 Trantulae Thelyphonus. 3 Bird Catcher. 4 Aquatic Aranea. 5 Scylder
ica. 6 Diadem. 7 Tarantula. 8 Senira. 9 Phaxichilus Persatus. 10 Obisium
diodes. 11 Cancroides.

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1 Insecta

blat. 1 Lepidoptera

ord. 1 Rhopalocera

Fa. 1. 1. Papilionina

1 Gen. 3 Papilio ... 1. Urania ... 100

2. Indica rubescens ... XCVII. 3

ord 2 Pseudoneuroptera

5. Libellinas et Calopteryx ... 4

ord 3 Coleoptera

Fam 1 macropodes

Gen. 1 Cantharis

Fam. 2 Aquaticae

2. Dytiscus 4 Cybister 3 Gyrinus

3. Scarabaeus inermis ... 5

Class 8 Insecta.

Ord 1 Hymenoptera Aculeata

Fa. 1 Apis mellifica

1. Apis mellifica

2. Apis mellifica carnica ... XCVII. 6

3. Fabricia

3. Fabricia

4 Scrupulum alba ... 7

Order 2. Diptera

Fam 1 Tipulidae vera

Gen 1 Ricinus communis ... 8

Fam 2 Pulicaria

2 Pediculus ... ?

Order 3 Aphaniptera

1 Genus Pulex irritans ... 10

Ord 4 Coleoptera.

Sect 1 Pentamera. Fam 1 Adephaga.

Genus. Cicindela hybrida ... 11

Carabus ... nitidulus ... 12

Hydrous marginatus ... 13

Gyrinus natator ... 14

Blaps ... Staphylinus maximus ... 15

Tenebrio ... Pedicularius ... 16

... viridis ... 17

1 Vespa Vulg. 2 Gonioctena Hydrachna 3 Julus Sabulosus. 4 Elaeobius 5 Scolopendra Morsitans. 6 Wood Fish. 7 Xanthurus Atra. 8 Louse. 9 Pediculus Quad. 10 Flea. 11 Cicindela Hybrida 12 Carabus Marginalis. 13 Marginalis. 14 Gyrinus Natator 15 Staph. 16 Forficula Auricularia. 17 Ptinus Fatuhrus.

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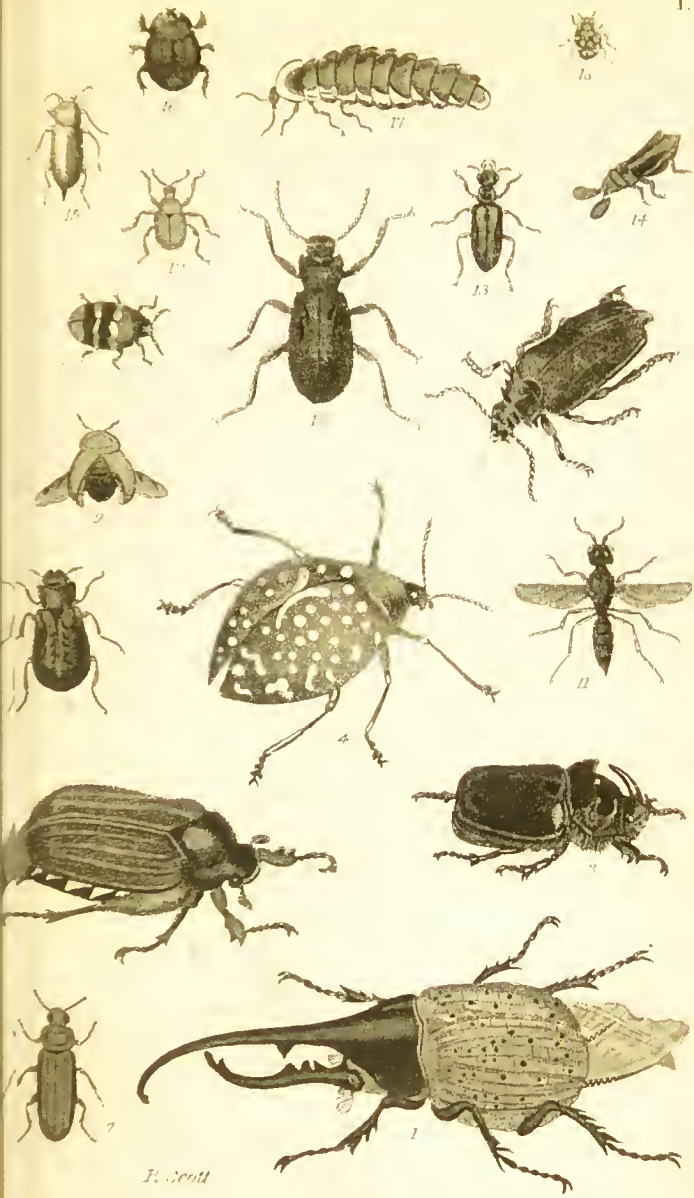

ercules Beetle. 2 Cockchafer D°. 3 Nasicornus D°. 4 Cayan D°. 5 Chrysomela.
Ast. D°. 6 Spercheus. 7 Tenebrio molitor. 8 Coriarus Priamus. 9 Green Cassida.
ops. 11 Longicorn bicolor. 12 Altelabus Coryli. 13 Megalopus. 14 Fulgus. Mic-
ralus. 15 Mordella. 16 Hister unicolor. 17 Glowworm. 18 Coccinella.

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1 Hyperomorpha 2 Prasinus Bug 3 Blatta 4 Earwig 5 Camel Cricket.
6 Phasma 7 Locust 8 Tulipa Dr 9 Flavipes Dr 10 Pselaphus Herbstii
11 Pectic Xenos.

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1 Cocus. 2 Panurpa communis. 3 Vespa Crabro Hornet Wasp. 4 Apis retusa. 5 Sphex
viatica. 6 Tenthredo Scrophulariae. 7 Dragon Fly. 8 Ephemera Vulgata. 9 Her
aphanea Ant. 10 Lantern Fly. 11 Sirps Physapus. 12 Ichneumon Manifestator

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1 Hawk Tipula 2 Apollo Butterfly 3 Horse Hippobosca 4 Pipus Culex 5 Deathshead
Sphinx 6 Ox Oestrus 7 Tropical Sabanus 8 Chameleon Fly 9 Lunar Moth
10 Lean headed wasp 11 Dejeans Curculio

W. Scott

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Class 1. Radiata

Class 1. Echinodermata

Section 1. Tubulides.

Genus 1 Sipunculus. 2 Priapulus 4 Holothu
3 Fistularia —

Section 2. Echinides

5. Cidaridæ, 7 Nucleolites 8 Galeriens
10. Anancites. 11 Galerites. 12 Echinon
13 Fistularia 14 Clypeaster. 15 Scutell
6 Echinus Esculentus xcv. 7 —
9 Spatangus purpureus 6

Section 3

16. Asterias rubens — 9
17. Ophiura 18 Euryale 19 Comatula
20 Pentacrinus Europeus —

Class 2. Annulata.

Order 1. Ascidiaria

Genus 1. Mammaria. Bipapillaria 3 Ascidia 4 Sa

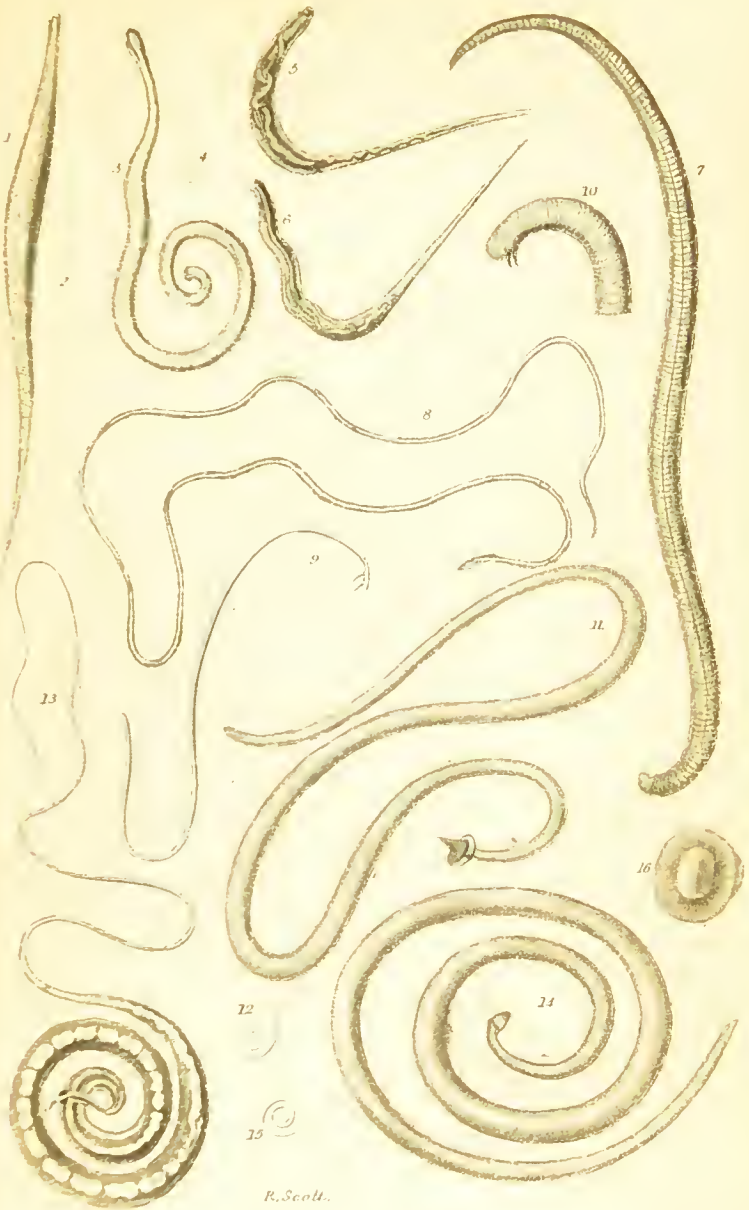
Order 2. Botryllaria

Genus 1 Pyrasoma. 2 Botryllus 3 Polycyc
4. Polycinum 5 Diagoma 6 Distom
7 Sigillina 8 Synoicum 9 Ecoli
10 Aplidium.

Class 3. Entozoa

Order 1. Entozoaria.

Tribe 1 Entomoda. Genus Planaria
2 Lumbricoida — Fibraria medicinalis CII.
— Subconjuncta — 9.
Dicephalus Anglicus — 13 CII
Oxyuris vermicularis 1.2...
— — minuta — 5.
Ascaris lumbricoides — 7.
Strongylus gigas 1 — 11.1



1 Male Worm female 2 Natural size of D° 3 Male Worm annulated Natural size of D°
5 Annulated Male Worm female 6 D° male 7 Round Worm & Guinea Worm 9 Sub cutaneous Filamentous Hamatoria 10 Head of D° magnified 11 Great Strongylus 12 Natural size of D° 13 Long Tubular Worm male 14 Urinary Worm 15 Natural size of D° 16 The Human Fetus com.

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Radiata Class 3 Echinozoa

Order 2 Echinothaprocta

Tribe 1. Hemidiscoidea

Cestoidea { 2 Genus Bothriocephalus Solus CIII. 3
— — Tania solium 2
— 3 Echinococcus hominis CII. 10

Gelica

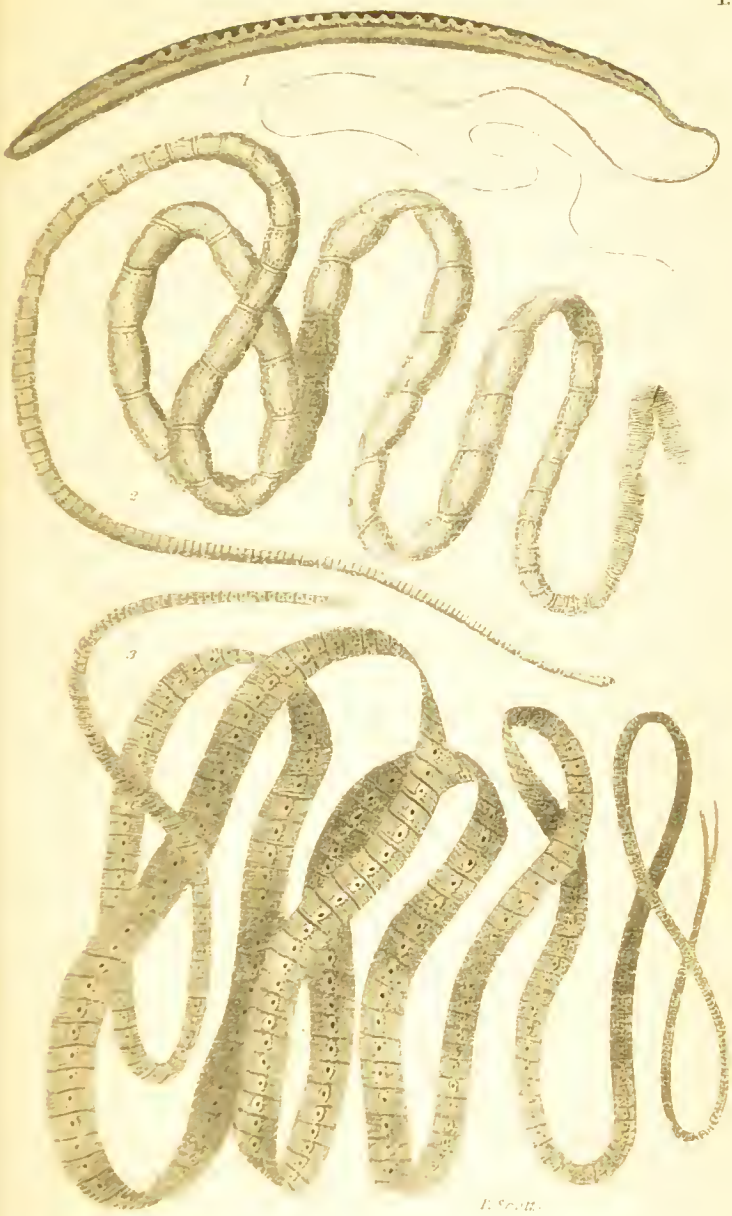
Class 4 Acalephia

Section 1

Genus 1 Actinia verrucosa. XCV. 8
2 Zoanthus 3 Lucernaria

Section 2

Genus 4 Pterygonia 5 Aquorea 6 Pelagia
7 Cyanoea. 8 Rhizostoma 9 Callirhoea
10 Geryonia 11 Orythia 12 Berenix
13 Eudora 14 Carybdea 15 Barose
16 Cetuna 17 Diphyes 18 Porpita
19 Velella 20 Physalia 21 Physsophora
22 Rhizophyza 23 Stephanomia.



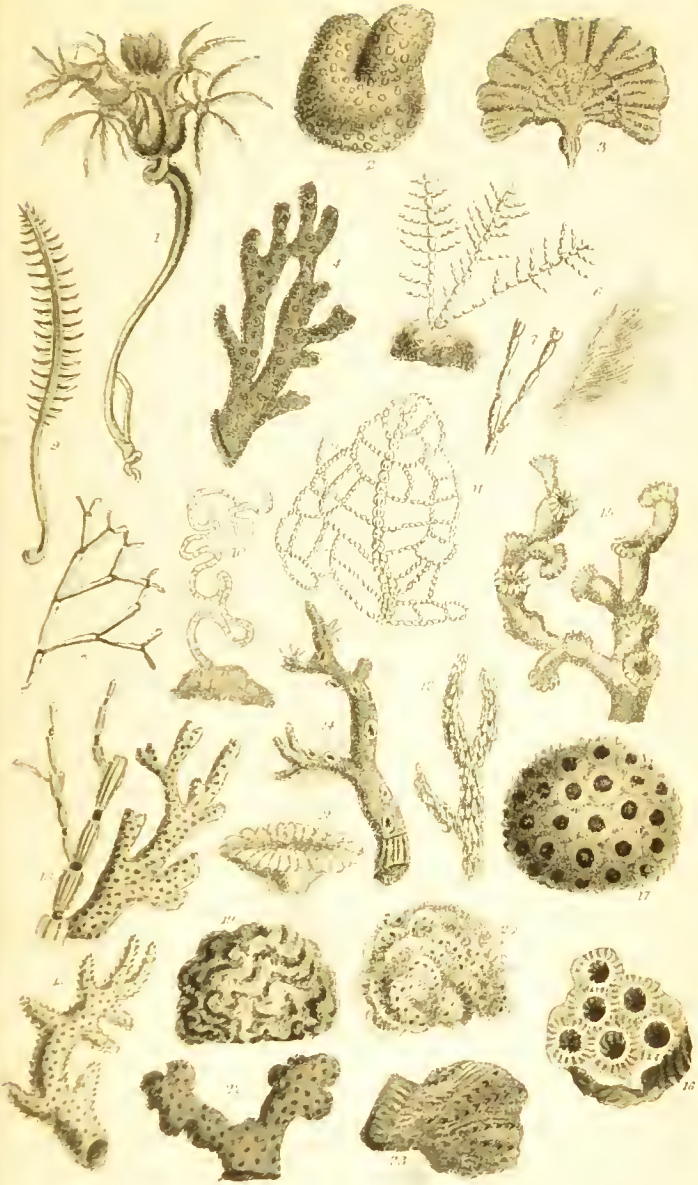
Hydatigena Borealis. Common Tape Worm. Broad Tape D°

Published Jan^y 1^st 1831 by Fullarton & C^o Glasgow

Class Polypi. p. 5.

Order 1 Polypi naturales

Gen. 1. Tubularia, tentaculata civ. 1
2 Virgularia – 3 Renilla
4 Pennatula phosphorea – 4
5 Funiculina – 6 setiformis
Ord. 2. – – Inhabiles –
Gen. 1. Tubularia digitata – 2
Order. 3 – – Vaginata
Section 1.
Genus. 1. Hydra. 2 Lucodia 3 Tethia
4. Spongia palmata 4
5. Flabellaria pavonia – 5
Sect. 2. 6. Tubipora [illegible] .
– – ramosa 6. .
– – cylindrica 18
8. Spongia penicillata .11
– – cheiliosa .12
9. Cariophyllus spinosus .10
10. Alcyonium digitatum – .13
12. Coralliorhiza nobilis .14
Sect. 3. 13 Corallina officinalis .15
14. Lithophyton subulatum .18
15. Madrepora simplex .21
17. Porites clavaria .22
18. Meandrina cerebrum .16
– – labyrinthica .17
19. Explanaria tentaculata cv. .3
22. Meandrina labyrinthica civ. 19
23. Agaricia undulata 23
24. Porocia agaricites 20
25. Fungia agaricoides cv. 2



R. Scott

1 Pen[illegible]ound Umbellularia.2 [illegible]ered Labularia.3 Peacock Flabellaria.4 Palmated Spongia
[illegible]ous Coralloina.6 [illegible]alyx.7 [illegible]ch incrusted Cellepora.9 Phosphoric Pennatula.
[illegible]piral Antipathes.11 Wasted Cerania.12 [illegible]Net Retepora.13 Red Coralline.
[illegible]ium.15 Vermin Penilina.16 Pitted Adeona.17 Tufted Cellepora.18 Awl shaped Serialopora.
19 Labyrinth Meandrea.20 Mushroom Fungia.21 Simple Madrepora.22 Club shaped Porites.
23 Star pencilled Aquricia.

[illegible] [illegible] Glasgow

Class Polypi

Order 1 Flagellata

Sect. 3.

Fam. 1. 19. Flustra vasularia CV. 3
- 25. Eucratea asparagoides — 2
- 28 Crisia cuscutia
- 31. Salicornaria
1 4 34 Anguinaria spinosa 11
- 3. 42 Retepora cellulosa 1
- 44 Escharina foliacea 4
- 47 Tubulipora transversa 15
- 48 Flustra carbassa 22
- 6. 52 Diastopora obtusata 111
- 53 Lagenaria depauperata 15
- 54 Cellaria salicornia 20. 21
- 55. Eiriozoa Carribea 18. 19
- 56. Serialaria lendigera 8. 9
- 57. Plumularia crystata 6. 7
- 58. Cellularia cupressina 14. 15
- 60 Campanularia dichotoma 16. 17
- 62. Tubularia ramosa 12. 13
- 64. Lucernaria — 65 Syncoryna
- 66. Corallella — 67 Diphyes

Fam. 6. Tubicolites. 11 Nullipora 16 Tubulipora
20. Echinopora 21 Monticularia 26 Cyclolites
27. Turbinolia 29 Varcunia 30 Hydnophora
32. Calamopora 33 Favosites 35 Tubulipora
36. Orbulites 37 Lunulites 38 Cellepora
39 Diachtopora 40 Cellaria 41 Obeliscolites
43 Alcyonium 45 Celleporia 46 Escharina
47. Polypylium 50 Acetabulum 51 Tubipora
58. Cellularia 61 Bormularia 63 Plumatella

Order 2. Order 4 — Denudati

Fam. 1 Salicellaria. 2 Coryne. 3 Hydra

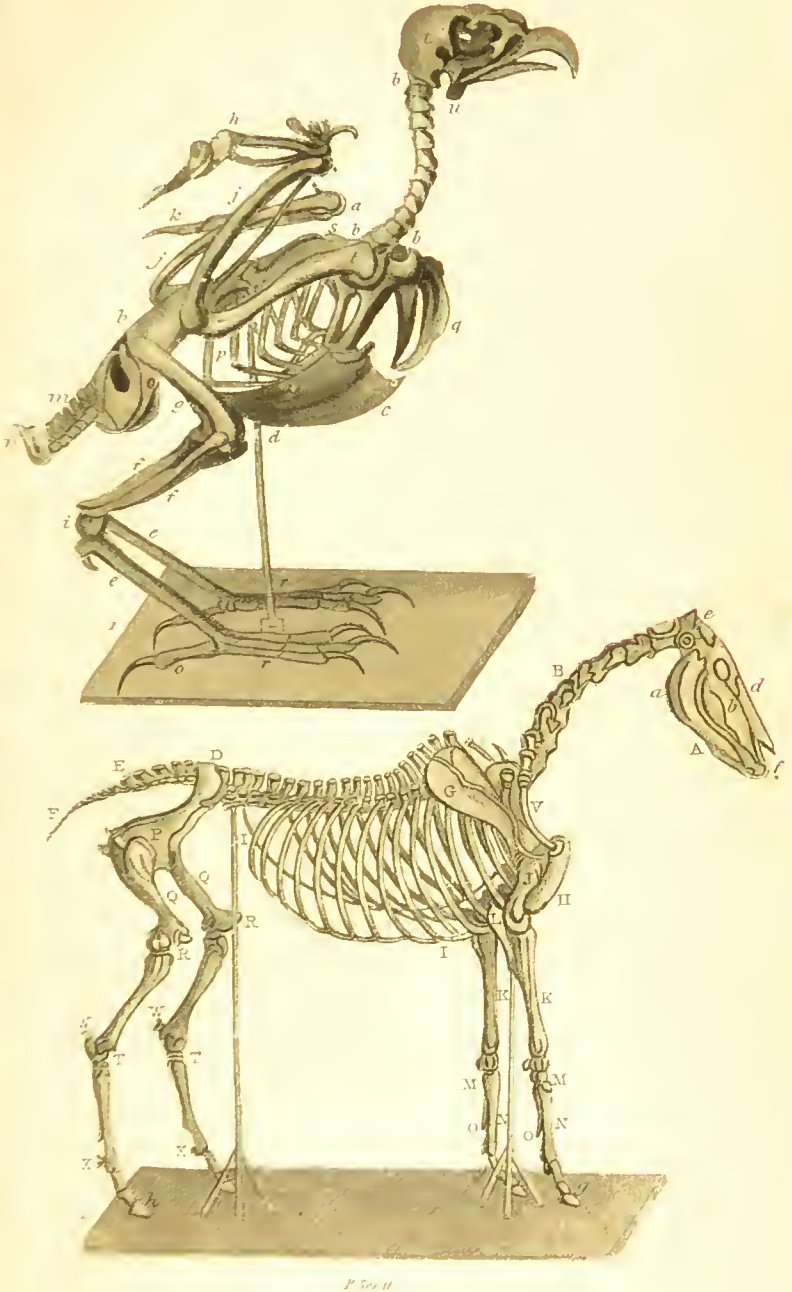
Order 5 — Ciliati

Sect. 1. Nudi

Fam. 1 Tubicolaria. 2 Vorticella 3 Urceolaria
4 Furcularia. 5 Brachionus 6 Furcularia

Sect. 2. 7 Fusiculina. 8 Trichocerca, Rotatoria.

1 Cellulai Retipora 2 Mushroom shaped Fungia 3 Toothed Explanaria 4 Foliated Echaria 5 Measure Campanulina 6 Striated Plumularia 7 D° Magnified. 8 Lendigera Serularia 9 D° Magnified 10 Mosaic Tubipora 11 Shapeless Millipora 12 Branched Tubularia 13 D° Magnified 14 Cypress Sertularia 15 D° Magnified 16 Dichotoma Campanularia 17 D° Magnified 18 Caribbean Liriozoa. 19 D° Magnified 20 Saltcorn Cellaria 21 D° Magnified 22 Cooly Flustra 23 Spathulate Anguinaria 24 Obtuse Dichotomaria 25 Transverse Tubulifora



P. Ser. II